

## Syntax

### Child: >

```
nav>ul>li
  <nav>
    <ul>
      <li></li>
    </ul>
  </nav>
```

### Sibling: +

```
div+p+bq
<div></div>
<p></p>
<blockquote></blockquote>
```

### Climb-up: ^

```
div+div>p>span+em^bq
<div></div>
<div>
  <p><span></span><em></em></p>
  <blockquote></blockquote>
</div>
```

```
div+div>p>span+em^&bq
<div></div>
<div>
  <p><span></span><em></em></p>
  <blockquote></blockquote>
```

### Grouping: ()

```
div>(header>ul>li*2>a)+footer>p
<div>
  <header>
    <ul>
      <li><a href=""></a></li>
      <li><a href=""></a></li>
    </ul>
  </header>
  <footer>
    <p></p>
  </footer>
</div>
```

```
(div>dl>(dt+dd)*3)+footer>p
<div>
  <dl>
    <dt></dt>
    <dd></dd>
    <dt></dt>
    <dd></dd>
    <dt></dt>
    <dd></dd>
  </dl>
</div>
<footer>
  <p></p>
</footer>
```

### Multiplication: \*

```
ul>li*5
<ul>
  <li></li>
  <li></li>
  <li></li>
  <li></li>
  <li></li>
</ul>
```

### Item numbering: \$

```
ul>li.item$*5
<ul>
  <li class="item1"></li>
  <li class="item2"></li>
  <li class="item3"></li>
  <li class="item4"></li>
  <li class="item5"></li>
</ul>

ul>li.item$@-*5
<ul>
  <li class="item5"></li>
  <li class="item4"></li>
  <li class="item3"></li>
  <li class="item2"></li>
  <li class="item1"></li>
</ul>
```

**ID and CLASS attributes**

```
#header
<div id="header"></div>

.p.class1.class2.class3
<p class="class1 class2 class3"></p>
```

**Custom attributes**

```
p[title="Hello world"]
<p title="Hello world"></p>
```

**Text: {}**

```
a{Click me}
<a href="">Click me</a>
```

**Implicit tag names**

```
.class
<div class="class"></div>
```

```
table>.row>.col
<table>
  <tr class="row">
    <td class="col"></td>
  </tr>
</table>
```

**HTML**

All unknown abbreviations will be transformed to tag, e.g. foo → <foo></foo>.

Cheat Sheet

```
h$[title=item$]{Header $}*3
  <h1 title="item1">Header 1</h1>
  <h2 title="item2">Header 2</h2>
  <h3 title="item3">Header 3</h3>

ul>li.item$@3*5
<ul>
  <li class="item3"></li>
  <li class="item4"></li>
  <li class="item5"></li>
  <li class="item6"></li>
  <li class="item7"></li>
</ul>
```

```
.title
<div class="title"></div>
```

```
td[ rowspan=2 colspan=3 title]
  <td rowspan="2" colspan="3" title=""></td>
```

```
p>{Click }+a{here}+{ to continue}
  <p>Click <a href="">here</a> to continue</p>
```

```
em>.class
<em><span class="class"></span></em>
```

```
ul>li.item$**5
<ul>
  <li class="item001"></li>
  <li class="item002"></li>
  <li class="item003"></li>
  <li class="item004"></li>
  <li class="item005"></li>
</ul>

form#search.wide
<form id="search" class="wide"></form>
```

```
[a='value1' b="value2"]
<div a="value1" b="value2"></div>
```

```
ul>.class
<ul>
  <li class="class"></li>
</ul>
```

```

!
Alias of html:5
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <title>Document</title>
</head>
<body>
</body>
</html>

bdo:l
<bdo dir="ltr"></bdo>

link:css
<link rel="stylesheet" href="style.css" />

link:touch
<link rel="apple-touch-icon" href="favicon.png" />

link:import, link:im
<link rel="import" href="component.html" />

meta:win
<meta http-equiv="Content-Type"
content="text/html; charset=windows-1251" />

script
<script></script>

img:srcset, img:s


source, src
<source />

source:media, src:m
<source media="( min-width: )" srcset=" " />

a
<a href=" "></a>

a:mail
<a href="mailto:></a>

acronym, acr
<acronym title=" "></acronym>

basefont
<basefont />

frame
<frame />

bdo
<bdo dir=" "></bdo>

col
<col />

link:print
<link rel="stylesheet" href="print.css"
media="print" />

link:rss
<link rel="alternate"
type="application/rss+xml" title="RSS" href="rss.xml" />

meta
<meta />

meta:vp
<meta name="viewport" content="width=
device-width, user-scalable=no, initial-
scale=1.0, maximum-scale=1.0, minimum-
scale=1.0" />

script:src
<script src=" "></script>

img:sizes, img:z


source:src, src:sc
<source src=" " type=" " />

source:type, src:t
<source srcset=" " type="image/" />

a:link
<a href="http:// "></a>

abbr
<abbr title=" "></abbr>

base
<base href=" " />

br
<br />

hr
<hr />

bdo:r
<bdo dir="rtl"></bdo>

link
<link rel="stylesheet" href=" " />

link:favicon
<link rel="shortcut icon" type="image/x-icon"
href="favicon.ico" />

link:atom
<link rel="alternate"
type="application/atom+xml" title="Atom" href="atom.xml" />

meta:utf
<meta http-equiv="Content-Type"
content="text/html; charset=UTF-8" />

meta:compat
<meta http-equiv="X-UA-Compatible" content="IE=7" />

style
<style></style>

img


picture
<picture></picture>

source:srcset, src:s
<source srcset=" " />

source:sizes, src:z
<source sizes=" " srcset=" " />

source:media:type, src:mt
<source media="( min-width: )" srcset=" "
type="image/" />

```

```

source:media:sizes, src:mz
<source media="(min-width: )" sizes="" srcset="" />

object
<object data="" type=""></object>

area
<area shape="" coords="" href="" alt="" />

area:r
<area shape="rect" coords="" href="" alt="" />

form:post
<form action="" method="post"></form>

inp
<input type="text" name="" id="" />

input:search
Alias of inp[type=search]
<input type="search" name="" id="" />

input:password, input:p
Alias of inp[type=password]
<input type="password" name="" id="" />

input:datetime-local
Alias of inp[type=datetime-local]
<input type="datetime-local" name="" id="" />

input:time
Alias of inp[type=time]
<input type="time" name="" id="" />

input:color
Alias of inp[type=color]
<input type="color" name="" id="" />

input:range
Alias of inp[type=range]
<input type="range" name="" id="" />

```

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```

source:sizes:type, src:zt
<source sizes="" srcset="" type="image" />

param
<param name="" value="" />

area:d
<area shape="default" href="" alt="" />

area:p
<area shape="poly" coords="" href="" alt="" />

label
<label for=""></label>

input:hidden, input:h
Alias of input[type=hidden name]
<input type="hidden" name="" />

input:email
Alias of inp[type=email]
<input type="email" name="" id="" />

input:datetime
Alias of inp[type=datetime]
<input type="datetime" name="" id="" />

input:month
Alias of inp[type=month]
<input type="month" name="" id="" />

input:tel
Alias of inp[type=tel]
<input type="tel" name="" id="" />

input:checkbox, input:c
Alias of inp[type=checkbox]
<input type="checkbox" name="" id="" />

input:file, input:f
Alias of inp[type=file]
<input type="file" name="" id="" />

iframe
<iframe src="" frameborder="0"></iframe>

embed
<embed src="" type="" />

map
<map name=""></map>

area:c
<area shape="circle" coords="" href="" alt="" />

form
<form action=""></form>

form:get
<form action="" method="get"></form>

input
<input type="text" />

input:text, input:t
Alias of inp
<input type="text" name="" id="" />

input:url
Alias of inp[type=url]
<input type="url" name="" id="" />

input:date
Alias of inp[type=date]
<input type="date" name="" id="" />

input:week
Alias of inp[type=week]
<input type="week" name="" id="" />

input:number
Alias of inp[type=number]
<input type="number" name="" id="" />

input:radio, input:r
Alias of inp[type=radio]
<input type="radio" name="" id="" />

input:submit, input:s
<input type="submit" value="" />

input:image, input:i
<input type="image" src="" alt="" />

```

input:button, input:b <input type="button" value=" " />	isindex <isindex />	input:reset Alias of input:button[type=reset] <input type="reset" value=" " />
select <select name=" " id=" " ></select>	select:disabled, select:d Alias of select[disabled.] <select name=" " id=" " disabled="disabled"></select>	option, opt <option value=" " ></option>
marquee <marquee behavior=" " direction=" " ></marquee>	menu:context, menu:c Alias of menu[type=context]> <menu type="context"></menu>	textarea <textarea name=" " id=" " cols=" " rows=" " ></textarea>
video <video src=" " ></video>	audio <audio src=" " ></audio>	menu:toolbar, menu:t Alias of menu[type=toolbar]> <menu type="toolbar"></menu>
keygen <keygen />	command <command />	html:xml <html xmlns="http://www.w3.org/1999/xhtml"></html>
button:reset, button:r, btn:r Alias of button[type=reset] <button type="reset"></button>	button:disabled, button:d, btn:d Alias of button[disabled.] <button disabled="disabled"></button>	button:submit, button:s, btn:s Alias of button[type=submit] <button type="submit"></button>
bq Alias of blockquote <blockquote></blockquote>	fig Alias of figure <figure></figure>	fieldset:disabled, fieldset:d, fset:d, fst:d Alias of fieldset[disabled.] <fieldset disabled="disabled"></fieldset>
pic Alias of picture <picture></picture>	ifr Alias of iframe <iframe src=" " frameborder="0"></iframe>	figc Alias of figcaption <figcaption></figcaption>
obj Alias of object <object data=" " type=" " ></object>	cap Alias of caption <caption></caption>	emb Alias of embed <embed src=" " type=" " />
fst, fset Alias of fieldset <fieldset></fieldset>	btn Alias of button <button></button>	colg Alias of colgroup <colgroup></colgroup>
tarea Alias of textarea <textarea name=" " id=" " cols=" " rows=" " ></textarea>	leg Alias of legend <legend></legend>	optg Alias of optgroup <optgroup></optgroup>
		sect Alias of section <section></section>

art  
 Alias of article  
 <article>|</article>

adr  
 Alias of address  
 <address>|</address>

prog  
 Alias of progress  
 <progress>|</progress>

datagrid  
 Alias of datagrid  
 <datagrid>|</datagrid>

det  
 Alias of details  
 <details>|</details>

hdr  
 Alias of header  
 <header>|</header>

dlg  
 Alias of dialog  
 <dialog>|</dialog>

mn  
 Alias of main  
 <main>|</main>

datal  
 Alias of datalist  
 <datalist>|</datalist>

cmd  
 Alias of command  
 <command />

ftr  
 Alias of footer  
 <footer>|</footer>

str  
 Alias of strong  
 <strong>|</strong>

tem  
 Alias of template  
 <template>|</template>

kg  
 Alias of keygen  
 <keygen />

out  
 Alias of output  
 <output>|</output>

doc  
 Alias of html  
 (head>meta[charset=\${charset}]+title\${{1:D  
 document}})+body  
<html>  
<head>  
 <meta charset="UTF-8" />  
 <title> Document </title>  
</head>  
<body>  
 |  
</body>  
</html>

doc4

```

Alias of html>(head>meta[http-
equiv="Content-Type"
content="text/html; charset=${charset}"]+ti-
tle${1:Document})+body

<html>
<head>
  <meta http-equiv="Content-Type"
  content="text/html; charset=UTF-8" />
  <title> Document </title>
</head>
<body>
</body>
</html>

```

html:4s

```

Alias of !!!4s+doc4[lang=${lang}]
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML
4.01//EN"
"http://www.w3.org/TR/html4/strict.dtd">
<html lang="en">
<head>
  <meta http-equiv="Content-Type"
  content="text/html; charset=UTF-8" />
  <title> Document </title>
</head>
<body>
</body>
</html>

```

## Cheat Sheet

ri:dpr, ri:d

Alias of img:s

&lt;img srcset="" src="" alt="" /&gt;

ri:art, ri:a

Alias of pic&gt;src:m+img

&lt;picture&gt;

```

<source media="([min-width: ])" srcset=""
/>
<img src="" alt="" />
</picture>

```

html:xt

Alias of

!!!xt+doc4[xmlns=http://www.w3.org/1999/xh
tml xml:lang=\${lang}]

```

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-
transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml"
xml:lang="en">
<head>
  <meta http-equiv="Content-Type"
  content="text/html; charset=UTF-8" />
  <title> Document </title>
</head>
<body>
</body>
</html>

```

ri:viewport, ri:v

Alias of img:z

&lt;img sizes="" srcset="" src="" alt="" /&gt;

ri:type, ri:t

Alias of pic&gt;src:t+img

&lt;picture&gt;

```

<source srcset="" type="image/" />
<img src="" alt="" />
</picture>

```

html:4t

Alias of !!!4t+doc4[lang=\${lang}]

```

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01
Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html lang="en">
<head>
  <meta http-equiv="Content-Type"
  content="text/html; charset=UTF-8" />
  <title> Document </title>
</head>
<body>
</body>
</html>

```

html:xs

Alias of

!!!xs+doc4[xmlns=http://www.w3.org/1999/xh
tml xml:lang=\${lang}]

```

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Strict//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-
strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml"
xml:lang="en">
<head>
  <meta http-equiv="Content-Type"
  content="text/html; charset=UTF-8" />
  <title> Document </title>
</head>
<body>
</body>
</html>

```

html:xss

```

Alias of
!!!xss+doc4[xmlns=http://www.w3.org/1999/x
html xml:lang=${lang}]
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML
1.1//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1.dtd">
<html xmlns="http://www.w3.org/1999/xhtml"
xml:lang="en">
<head>
    <meta http-equiv="Content-Type"
content="text/html; charset=UTF-8" />
        <title>Document</title>
</head>
<body>
</body>
</html>

```

map+

```

Alias of map>area
<map name="|">
    <area shape="|" coords="|" href="|" alt="|"
/>
</map>

```

select+

```

Alias of select>option
<select name="|" id="|">
    <option value="|">|</option>
</select>

```

!!!

```
<!DOCTYPE html>
```

!!!xt

```

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-
transitional.dtd">

```

## Cheat Sheet

html:5

```

Alias of !!!+doc[lang=${lang}]
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8" />
        <title>Document</title>
</head>
<body>
</body>
</html>

```

table+

```

Alias of table>tr>td
<table>
    <tr>
        <td>|</td>
    </tr>
</table>

```

optgroup+, optg+

```

Alias of optgroup>option
<optgroup>
    <option value="|">|</option>
</optgroup>

```

!!!4t

```

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01
Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">

```

!!!xs

```

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Strict//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-
strict.dtd">

```

ol+

```

Alias of ol>li
<ol>
    <li>|</li>
</ol>

```

ul+

```

Alias of ul>li
<ul>
    <li>|</li>
</ul>

```

dl+

```

Alias of dl>dt+dd
<dl>
    <dt>|</dt>
    <dd>|</dd>
</dl>

```

colgroup+, col+

```

Alias of colgroup>col
<colgroup>
    <col />
</colgroup>

```

tr+

```

Alias of tr>td
<tr>
    <td>|</td>
</tr>

```

pic+

```

Alias of picture>source:srcset+img
<picture>
    <source srcset="|" />
    
</picture>

```

!!!4s

```

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML
4.01//EN"
"http://www.w3.org/TR/html4/strict.dtd">

```

!!!xss

```

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML
1.1//EN"
"http://www.w3.org/TR/xhtml11/DTD/xhtml11.dtd">

```

c

```
<!-- ${child} -->
```

```
cc:ie6
<!--[if lte IE 6]>
  ${child}
<![endif]-->
```

```
cc:ie
<!--[if IE]>
  ${child}
<![endif]-->
```

```
cc:noie
<!--[if !IE]><!--
  ${child}
<!--<![endif]-->
```

## CSS

CSS module uses fuzzy search to find unknown abbreviations, e.g. ov:h == ov-h == ovh == oh.

If abbreviation wasn't found, it is transformed into property name: foo-bar → foo-bar: |;

You can prefix abbreviations with hyphen to produce vendor-prefixed properties: -foo

### Visual Formatting

pos	position: relative;	pos:s	position:static;	pos:a	position:absolute;
		pos:r	position:relative;	pos:f	position:fixed;
t	top:  ;	t:a	top:auto;	r	right:  ;
r:a	right:auto;	b	bottom:  ;	b:a	bottom:auto;
l	left:  ;	l:a	left:auto;	z	z-index:  ;
z:a	z-index:auto;	fl	float: left;	fl:n	float:none;
				fl:l	float:left;
fl:r	float:right;	cl	clear: both;	cl:n	clear:none;
				cl:l	clear:left;
cl:r	clear:right;	cl:b	clear:both;	d	display: block;
d:n	display:none;	d:b	display:block;	d:f	display:flex;
d:if	display:inline-flex;	d:i	display:inline;	d:ib	display:inline-block;
d:li	display:list-item;	d:ri	display:run-in;	d:cp	display:compact;
d:tb	display:table;	d:itb	display:inline-table;	d:tbc	display:table-caption;
d:tbcl	display:table-column;	d:tbclg	display:table-column-group;	d:tbhg	display:table-header-group;
d:tbfg	display:table-footer-group;	d:tbr	display:table-row;	d:tbrg	display:table-row-group;
d:tbc	display:table-cell;	d:rb	display:ruby;	d:rbb	display:ruby-base;
d:rbbg	display:ruby-base-group;	d:rbt	display:ruby-text;	d:rbtg	display:ruby-text-group;
v	visibility: hidden;	v:v	visibility:visible;	v:h	visibility:hidden;
		v:c	visibility:collapse;	ov	overflow: hidden;
ov:v	overflow:visible;	ov:h	overflow:hidden;	ov:s	overflow:scroll;
ov:a	overflow:auto;	ovx	overflow-x: hidden;	ovx:v	overflow-x:visible;
				ovx:h	overflow-x:hidden;
ovx:s	overflow-x:scroll;	ovx:a	overflow-x:auto;	ovy	overflow-y: hidden;

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ovy:v	overflow-y:visible;	ovy:h	overflow-y:hidden;	ovy:s	overflow-y:scroll;
ovy:a	overflow-y:auto;	ovs	overflow-style:scrollbar;	ovs:a	overflow-style:auto;
ovs:p	overflow-style:panner;	ovs:m	overflow-style:move;	ovs:mq	overflow-style:marquee;
zoo, zm	zoom:1;	cp	clip: ;	cp:a	clip:auto;
cp:r	clip:rect([top] [right] [bottom] [left]);	rsz	resize: ;	rsz:n	resize:none;
rsz:v	resize:vertical;	cur	cursor:\${pointer};	cur:a	cursor:auto;
cur:d	cursor:default;	cur:c	cursor:crosshair;	cur:ha	cursor:hand;
cur:he	cursor:help;	cur:m	cursor:move;	cur:p	cursor:pointer;
cur:t	cursor:text;				

## Margin & Padding

m	margin: ;	m:a	margin:auto;	mt	margin-top: ;
mt:a	margin-top:auto;	mr	margin-right: ;	mr:a	margin-right:auto;
mb	margin-bottom: ;	mb:a	margin-bottom:auto;	ml	margin-left: ;
ml:a	margin-left:auto;	p	padding: ;	pt	padding-top: ;
pr	padding-right: ;	pb	padding-bottom: ;	pl	padding-left: ;

## Box Sizing

bxz	box-sizing:border-box;	bxz:cb	box-sizing:content-box;	bxz:bb	box-sizing:border-box;
		bxsh	box-shadow:[inset] [hoff] [voff] [blur] [color];	bxsh:r	box-shadow:[inset] [hoff] [voff] [blur] [spread] [rgba(0, 0, 0, 0)];
bxsh:ra	box-shadow:[inset] [h] [v] [blur] [spread] [rgba(0, 0, 0, 0, .5)];	bxsh:n	box-shadow:none;	w	width: ;
		w:a	width:auto;	h	height: ;
		h:a	height:auto;	maw	max-width: ;
maw:n	max-width:none;	mah	max-height: ;	mah:n	max-height:none;
miw	min-width: ;	mih	min-height: ;		

## Font

f	font: ;	f+	font:[1em] [Arial, sans-serif];	fw	font-weight: ;
fw:b	font-weight:bold;	fw:br	font-weight:bolder;	fw:lr	font-weight:lighter;
fs	font-style:\${italic};	fs:n	font-style:normal;	fs:i	font-style:italic;

fs:o	font-style:oblique;	fv	font-variant: <u>  </u> ;	fv:n	font-variant:normal;
fv:sc	font-variant:small-caps;	fz	font-size: <u>  </u> ;	fza	font-size-adjust: <u>  </u> ;
fza:n	font-size-adjust:none;	ff	font-family: <u>  </u> ;	ff:s	font-family:serif;
ff:ss	font-family:sans-serif;	ff:c	font-family:cursive;	ff:f	font-family:fantasy;
ff:m	font-family:monospace;	ff:a	font-family: Arial, "Helvetica Neue", Helvetica, sans-serif;	ff:t	font-family: "Times New Roman", Times, Baskerville, Georgia, serif;
ff:v	font-family: Verdana, Geneva, sans-serif;	fef	font-effect: <u>  </u> ;	fef:n	font-effect:none;
		fef:eg	font-effect:engrave;	fef:eb	font-effect:emboss;
fef:o	font-effect:outline;	fem	font-emphasize: <u>  </u> ;	femp	font-emphasize-position: <u>  </u> ;
femp:b	font-emphasize-position:before;	femp:a	font-emphasize-position:after;	fems	font-emphasize-style: <u>  </u> ;
fems:n	font-emphasize-style:none;	fems:ac	font-emphasize-style:accent;	fems:dt	font-emphasize-style:dot;
fems:c	font-emphasize-style:circle;	fems:ds	font-emphasize-style:disc;	fsm	font-smooth: <u>  </u> ;
fsm:a	font-smooth:auto;	fsm:n	font-smooth:never;	fsm:aw	font-smooth:always;
fst	font-stretch: <u>  </u> ;	fst:n	font-stretch:normal;	fst:uc	font-stretch:ultra-condensed;
fst:ec	font-stretch:extra-condensed;	fst:c	font-stretch:condensed;	fst:sc	font-stretch:semi-condensed;
fst:se	font-stretch:semi-expanded;	fst:e	font-stretch:expanded;	fst:ee	font-stretch:extra-expanded;
fst:ue	font-stretch:ultra-expanded;				
<b>Text</b>					
va	vertical-align: <u>  </u> ;	va:sup	vertical-align:super;	va:t	vertical-align:top;
		va:tt	vertical-align:text-top;	va:m	vertical-align:middle;
va:bl	vertical-align:baseline;	va:b	vertical-align:bottom;	va:tb	vertical-align:text-bottom;
va:sub	vertical-align:sub;	ta	text-align: <u>  </u> ;	ta:l	text-align:left;
				ta:c	text-align:center;
ta:r	text-align:right;	ta:j	text-align:justify;	ta:lst	text-align-last: <u>  </u> ;
tal:a	text-align-last:auto;	tal:l	text-align-last:left;	tal:c	text-align-last:center;
tal:r	text-align-last:right;	td	text-decoration: <u>  </u> ;	td:n	text-decoration:none;
				td:u	text-decoration:underline;
td:o	text-decoration:overline;	td:l	text-decoration:line-through;	te	text-emphasis: <u>  </u> ;
te:n	text-emphasis:none;	te:ac	text-emphasis:accent;	te:dt	text-emphasis:dot;
te:c	text-emphasis:circle;	te:ds	text-emphasis:disc;	te:b	text-emphasis:before;
te:a	text-emphasis:after;	th	text-height: <u>  </u> ;	th:a	text-height:auto;

Cheat Sheet					
th:f	text-height:font-size;	th:t	text-height:text-size;	th:m	text-height:max-size;
ti	text-indent: ;	ti:-	text-indent:-9999px;	tj	text-justify: ;
tj:a	text-justify:auto;	tj:iw	text-justify:inter-word;	tj:ii	text-justify:inter-ideograph;
tj:ic	text-justify:inter-cluster;	tj:d	text-justify:distribute;	tj:k	text-justify:kashida;
tj:t	text-justify:tibetan;	to	text-outline: ;	to+	text-outline:[0] [0] #000;
to:n	text-outline:none;	tr	text-replace: ;	tr:n	text-replace:none;
tt	text-transform:uppercase;	tt:n	text-transform:none;	tt:c	text-transform:capitalize;
		tt:u	text-transform:uppercase;	tt:l	text-transform:lowercase;
tw	text-wrap: ;	tw:n	text-wrap:normal;	tw:no	text-wrap:none;
tw:u	text-wrap:unrestricted;	tw:s	text-wrap:suppress;	tsh	text-shadow:[hoff] [voff] [blur] #000;
tsh:r	text-shadow:[h] [v] [blur] rgb([0], [0], [0]);	tsh:ra	text-shadow:[h] [v] [blur] rgba([0], [0], [0], .5);	tsh:+	text-shadow:[0] [0] [0] #000;
lh	line-height: ;	lts	letter-spacing: ;	lts:n	letter-spacing:normal;
whs	white-space: ;	whs:n	white-space:normal;	whs:p	white-space:pre;
whs:nw	white-space:nowrap;	whs:pw	white-space:pre-wrap;	whs:pl	white-space:pre-line;
whsc	white-space-collapse: ;	whsc:n	white-space-collapse:normal;	whsc:k	white-space-collapse:keep-all;
whsc:l	white-space-collapse:loose;	whsc:bs	white-space-collapse:break-strict;	whsc:ba	white-space-collapse:break-all;
wob:n	word-break:normal;	wob:k	word-break:keep-all;	wob:ba	word-break:break-all;
wos	word-spacing: ;	wow	word-wrap: ;	wow:nm	word-wrap:normal;
wow:n	word-wrap:none;	wow:u	word-wrap:unrestricted;	wow:s	word-wrap:suppress;
wow:b	word-wrap:break-word;				
Background					
bg	background:# 000;	bg+	background:[#fff] url( ) [0] [0] no-repeat;	bg:n	background:none;
bgc:t	background-color:transparent;	bgi	background-image:url( );	bgi:n	background-image:none;
bgr	background-repeat: ;	bgr:n	background-repeat:no-repeat;	bgr:x	background-repeat:repeat-x;
bgr:y	background-repeat:repeat-y;	bgr:sp	background-repeat:space;	bgr:rd	background-repeat:round;
bga	background-attachment: ;	bga:f	background-attachment:fixed;	bga:s	background-attachment:scroll;
bgp	background-position:[0] [0];	bgpx	background-position-x: ;	bgpy	background-position-y: ;

bgbk	background-break: <b>I</b> ;	bgbk:bb	background-break:bounding-box;	bgbk:eb	background-break:each-box;
bgbk:c	background-break:continuous;	bgcp	background-clip: <b>padding-box</b> ;	bgcp:bb	background-clip:border-box;
bgcp:cb	background-clip:content-box;	bgcp:nc	background-clip:no-clip;	bgcp:pb	background-clip:padding-box;
bgo:pb	background-origin:padding-box;	bgo:bb	background-origin:border-box;	bgo:cb	background-origin:content-box;
bgsz	background-size: <b>I</b> ;	bgsz:a	background-size:auto;	bgsz:ct	background-size:contain;
bgsz:cv	background-size:cover;				
<b>Color</b>					
c	color:# <b>000</b> ;	c:r	color:rgb( <b>0</b> , <b>0</b> , <b>0</b> );	c:ra	color:rgba( <b>0</b> , <b>0</b> , <b>0</b> , <b>.5</b> );
op	opacity: <b>I</b> ;				
<b>Generated content</b>					
cnt	content:' <b>I</b> ';	cnt:n, ct:n	content:normal;	cnt:oq, ct:oq	content:open-quote;
cnt:noq, ct:noq	content:no-open-quote;	cnt:cq, ct:cq	content:close-quote;	cnt:ncq, ct:ncq	content:no-close-quote;
cnt:a, ct:a	content:attr( <b>I</b> );	cnt:c, ct:c	content:counter( <b>I</b> );	cnt:cs, ct:cs	content:counters( <b>I</b> );
ct	content: <b>I</b> ;	q	quotes: <b>I</b> ;	q:n	quotes:none;
q:ru	quotes:'\00AB' '\00BB' '\201E' \201C';	q:en	quotes:'\201C' '\201D' '\2018' \2019';	coi	counter-increment: <b>I</b> ;
				cor	counter-reset: <b>I</b> ;
<b>Outline</b>					
ol	outline: <b>I</b> ;	ol:n	outline:none;	olo	outline-offset: <b>I</b> ;
olw	outline-width: <b>I</b> ;	olw:tn	outline-width:thin;	olw:m	outline-width:medium;
olw:tc	outline-width:thick;	ols	outline-style: <b>I</b> ;	ols:n	outline-style:none;
ols:dt	outline-style:dotted;	ols:ds	outline-style:dashed;	ols:s	outline-style:solid;
ols:db	outline-style:double;	ols:g	outline-style:groove;	ols:r	outline-style:ridge;
ols:i	outline-style:inset;	ols:o	outline-style:outset;	olc	outline-color:# <b>000</b> ;
olc:i	outline-color:invert;				
<b>Tables</b>					
tbl	table-layout: <b>I</b> ;	tbl:a	table-layout:auto;	tbl:f	table-layout:fixed;
cps	caption-side: <b>I</b> ;	cps:t	caption-side:top;	cps:b	caption-side:bottom;
ec	empty-cells: <b>I</b> ;	ec:s	empty-cells:show;	ec:h	empty-cells:hide;
<b>Border</b>					
bd	border: <b>I</b> ;	bd+	border: <b>1px solid #000</b> ;	bd:n	border:none;
				bdbk	border-break: <b>close</b> ;

bdk:c	border-break:close;	bdcl	border-collapse: <span style="color:blue;"> </span> ;	bdcl:c	border-collapse:collapse;
bdcl:s	border-collapse:separate;	bdc	border-color:# <span style="border:1px solid black; padding:2px 4px;">000</span> ;	bdc:t	border-color:transparent;
bdi:n	border-image:none;	bdti	border-top-image:url( <span style="color:blue;"> </span> );	bdti:n	border-top-image:none;
bdri	border-right-image:url( <span style="color:blue;"> </span> );	bdri:n	border-right-image:none;	bdbi	border-bottom-image:url( <span style="color:blue;"> </span> );
bdbi:n	border-bottom-image:none;	bdli	border-left-image:url( <span style="color:blue;"> </span> );	bdli:n	border-left-image:none;
bdci	border-corner-image:url( <span style="color:blue;"> </span> );	bdci:n	border-corner-image:none;	bdci:c	border-corner-image:continue;
bdtli	border-top-left-image:url( <span style="color:blue;"> </span> );	bdtli:n	border-top-left-image:none;	bdtli:c	border-top-left-image:continue;
bdtri	border-top-right-image:url( <span style="color:blue;"> </span> );	bdtri:n	border-top-right-image:none;	bdtri:c	border-top-right-image:continue;
bdbri	border-bottom-right-image:url( <span style="color:blue;"> </span> );	bdbri:n	border-bottom-right-image:none;	bdbri:c	border-bottom-right-image:continue;
bdbli	border-bottom-left-image:url( <span style="color:blue;"> </span> );	bdbli:n	border-bottom-left-image:none;	bdbli:c	border-bottom-left-image:continue;
bdf	border-fit: <span style="border:1px solid black; padding:2px 4px;">repeat</span> ;	bdf:c	border-fit:clip;	bdf:r	border-fit:repeat;
		bdf:sc	border-fit:scale;	bdf:st	border-fit:stretch;
bdf:ow	border-fit:overwrite;	bdf:of	border-fit:overflow;	bdf:sp	border-fit:space;
bdlen	border-length: <span style="color:blue;"> </span> ;	bdlen:a	border-length:auto;	bdsp	border-spacing: <span style="color:blue;"> </span> ;
bds	border-style: <span style="color:blue;"> </span> ;	bds:n	border-style:none;	bds:h	border-style:hidden;
bds:dt	border-style:dotted;	bds:ds	border-style:dashed;	bds:s	border-style:solid;
bds:db	border-style:double;	bds:dt�	border-style:dot-dash;	bds:dt�dts	border-style:dot-dot-dash;
bds:w	border-style:wave;	bds:g	border-style:groove;	bds:r	border-style:ridge;
bds:i	border-style:inset;	bds:o	border-style:outset;	bdw	border-width: <span style="color:blue;"> </span> ;
bdt, bt	border-top: <span style="color:blue;"> </span> ;	bdt+	border-top:1px <span style="border:1px solid black; padding:2px 4px;">solid</span> # <span style="border:1px solid black; padding:2px 4px;">000</span> ;	bdt:n	border-top:none;
				bdtw	border-top-width: <span style="color:blue;"> </span> ;
bdts	border-top-style: <span style="color:blue;"> </span> ;	bdts:n	border-top-style:none;	bdtc	border-top-color:# <span style="border:1px solid black; padding:2px 4px;">000</span> ;
bdtc:t	border-top-color:transparent;	bdr, br	border-right: <span style="color:blue;"> </span> ;	bdr+	border-right:1px <span style="border:1px solid black; padding:2px 4px;">solid</span> # <span style="border:1px solid black; padding:2px 4px;">000</span> ;
bdr:n	border-right:none;	bdrw	border-right-width: <span style="color:blue;"> </span> ;	bdrst	border-right-style: <span style="color:blue;"> </span> ;
bdrst:n	border-right-style:none;	bdrc	border-right-color:# <span style="border:1px solid black; padding:2px 4px;">000</span> ;	bdrc:t	border-right-color:transparent;
bdb+	border-bottom:1px <span style="border:1px solid black; padding:2px 4px;">solid</span> # <span style="border:1px solid black; padding:2px 4px;">000</span> ;	bdb:n	border-bottom:none;	bdbw	border-bottom-width: <span style="color:blue;"> </span> ;
		bdb:s	border-bottom-style: <span style="color:blue;"> </span> ;	bdb:s:n	border-bottom-style:none;

bdbc	border-bottom-color:# <span style="background-color: black; color: white;">000</span> ;	bdbc:t	border-bottom-color:transparent;	bdl, bl	border-left: <span style="border: 1px solid black; padding: 0 2px;">1px</span> <span style="border: 1px solid black; padding: 0 2px;">solid</span> # <span style="background-color: black; color: white;">000</span>
		bdl+	border-left: <span style="border: 1px solid black; padding: 0 2px;">1px</span> <span style="border: 1px solid black; padding: 0 2px;">solid</span> # <span style="background-color: black; color: white;">000</span> ;	bdln	border-left:none;
bdls	border-left-style: <span style="border: 1px solid black; padding: 0 2px;">1px</span> ;	bdls:n	border-left-style:none;	bdlw	border-left-width: <span style="border: 1px solid black; padding: 0 2px;">1px</span> ;
bdlc:t	border-left-color:transparent;	bdrs	border-radius: <span style="border: 1px solid black; padding: 0 2px;">1px</span> ;	bdtrrs	border-top-right-radius: <span style="border: 1px solid black; padding: 0 2px;">1px</span> ;
bdtlrs	border-top-left-radius: <span style="border: 1px solid black; padding: 0 2px;">1px</span> ;	bdbrrs	border-bottom-right-radius: <span style="border: 1px solid black; padding: 0 2px;">1px</span> ;	bdblrs	border-bottom-left-radius: <span style="border: 1px solid black; padding: 0 2px;">1px</span> ;
<b>Lists</b>					
lis	list-style: <span style="border: 1px solid black; padding: 0 2px;">1px</span> ;	lis:n	list-style:none;	lisp	list-style-position: <span style="border: 1px solid black; padding: 0 2px;">1px</span> ;
lisp:i	list-style-position:inside;	lisp:o	list-style-position:outside;	list	list-style-type: <span style="border: 1px solid black; padding: 0 2px;">1px</span> ;
list:n	list-style-type:none;	list:d	list-style-type:disc;	list:c	list-style-type:circle;
list:s	list-style-type:square;	list:dc	list-style-type:decimal;	list:dclz	list-style-type:decimal-leading-zero;
list:lr	list-style-type:lower-roman;	list:ur	list-style-type:upper-roman;	lisi	list-style-image: <span style="border: 1px solid black; padding: 0 2px;">1px</span> ;
lisi:n	list-style-image:none;				
<b>Print</b>					
pgbb	page-break-before: <span style="border: 1px solid black; padding: 0 2px;">1px</span> ;	pgbb:au	page-break-before:auto;	pgbb:al	page-break-before:always;
pgbb:l	page-break-before:left;	pgbb:r	page-break-before:right;	pgbi	page-break-inside: <span style="border: 1px solid black; padding: 0 2px;">1px</span> ;
pgbi:au	page-break-inside:auto;	pgbi:av	page-break-inside:avoid;	pgba	page-break-after: <span style="border: 1px solid black; padding: 0 2px;">1px</span> ;
pgba:au	page-break-after:auto;	pgba:al	page-break-after:always;	pgba:l	page-break-after:left;
pgba:r	page-break-after:right;	orp	orphans: <span style="border: 1px solid black; padding: 0 2px;">1px</span> ;	wid	widows: <span style="border: 1px solid black; padding: 0 2px;">1px</span> ;
<b>Others</b>					
!	!important	@f	@font-face { font-family: <span style="border: 1px solid black; padding: 0 2px;">1px</span> ; src:url(!); }	@f+	@font-face { font-family: ' <span style="border: 1px solid black; padding: 0 2px;">FontName</span> '; src: url(' <span style="border: 1px solid black; padding: 0 2px;">FileName</span> .eot'); src: url(' <span style="border: 1px solid black; padding: 0 2px;">FileName</span> .eot? #iefix') format('embedded-opentype'), url(' <span style="border: 1px solid black; padding: 0 2px;">FileName</span> .woff') format('woff'), url(' <span style="border: 1px solid black; padding: 0 2px;">FileName</span> .ttf') format('truetype'), url(' <span style="border: 1px solid black; padding: 0 2px;">FileName</span> .svg# <span style="border: 1px solid black; padding: 0 2px;">FontName</span> ') format('svg'); font-style: <span style="border: 1px solid black; padding: 0 2px;">normal</span> ; font-weight: <span style="border: 1px solid black; padding: 0 2px;">normal</span> ; }

@i, @import

@import url();

@kf

## Cheat Sheet

```
@-webkit-keyframes [identifier] {
  from { [ ] }
  to { [ ] }
}
@-o-keyframes [identifier] {
  from { [ ] }
  to { [ ] }
}
@-moz-keyframes [identifier] {
  from { [ ] }
  to { [ ] }
}
@keyframes [identifier] {
  from { [ ] }
  to { [ ] }
}
```

@m, @media

@media [screen] {

```
[ ]
align-content:[ ];
align-content:center;
align-content:flex-end;
align-content:flex-start;
align-content:stretch;
align-content:space-around;
align-content:space-between;
align-items:[ ];
align-items:baseline;
align-items:center;
align-items:stretch;
animation-delay:[ time ];
animation-direction:[ normal ];
animation-direction:alternate;
animation-direction:reverse;
animation-fill-mode:[ both ];
animation-fill-mode:forwards;
animation-iteration-count:[ 1 ];
animation-play-state:[ running ];
animation-play-state:running;
animation-timing-function:ease;
animation-timing-function:ease-in;
animation-timing-function:linear;
appearance:${none};
align-self:baseline;
align-self:flex-start;
backface-visibility:hidden;
```

ai:fe

align-items:flex-end;

ai:fs

align-items:flex-start;

ai:s

align-items:stretch;

anim

animation:[ ];

anim-

```
animation: [name] [duration]
           [timing-function] [delay]
           [iteration-count] [direction]
           [fill-mode];
```

animdel

animation-delay:[ time ];

animdir

animation-direction:[ normal ];

animdir:a

animation-direction:alternate;

animdir:r

animation-direction:reverse;

animfm

animation-fill-mode:[ both ];

animfm:f

animation-fill-mode:forwards;

animic

animation-iteration-count:[ 1 ];

animdir:ar

animation-direction:alternate-reverse;

animdir:n

animation-direction:normal;

animdir:r

animation-direction:reverse;

animfm:b

animation-fill-mode:backwards;

animfm:bt, animfm:bh

animation-fill-mode:both;

animfm:f

animation-fill-mode:forwards;

animic:i

animation-iteration-count:infinite;

animn

animation-name:[ none ];

animps

animation-play-state:[ running ];

animtf

animation-timing-function:[ linear ];

animtf:cb

```
animation-timing-function:cubic-bezier([ 0.1 ], [ 0.7 ], [ 1.0 ],
                                         [ 0.1 ]);
```

animtf:e

animation-timing-function:ease;

animtf:ei

animation-timing-function:ease-in;

animtf:eo

animation-timing-function:ease-in-out;

animtf:eo

animation-timing-function:ease-out;

animtf:l

animation-timing-function:linear;

ap

appearance:\${none};

as

align-self:[ ];

as:a

align-self:auto;

as:b

align-self:baseline;

as:c

align-self:center;

as:fe

align-self:flex-end;

as:fs

align-self:flex-start;

as:s

align-self:stretch;

bfv

backface-visibility:[ ];

bfv:h

backface-visibility:hidden;

## Cheat Sheet

bg:ie	filter:progid:DXImageTransform.Microsoft.AlphaImageLoader(src='[x].png',sizingMethod='[crop]');	cm	/* \${child} */	colm	columns:[ ];
colmrc	column-rule-color:[ ];	colmc	column-count:[ ];	colmf	column-fill:[ ];
colms	column-span:[ ];	colmg	column-gap:[ ];	colmr	column-rule:[ ];
		colmrw	column-rule-style:[ ];	colmrw	column-rule-width:[ ];
		colmw	column-width:[ ];	d:ib+	display: inline-block; *display: inline; *zoom: 1;
fx	flex:[ ];	fxb	flex-basis:[ ];	fxd	flex-direction:[ ];
fxd:c	flex-direction:column;	fxd:cr	flex-direction:column-reverse;	fxd:r	flex-direction:row;
fxd:rr	flex-direction:row-reverse;	fxf	flex-flow:[ ];	fxg	flex-grow:[ ];
fxsh	flex-shrink:[ ];	fxw	flex-wrap:[ ];	fxw:n	flex-wrap:nowrap;
fxw:w	flex-wrap:wrap;	fxw:wr	flex-wrap:wrap-reverse;	jc	justify-content:[ ];
jc:c	justify-content:center;	jc:fe	justify-content:flex-end;	jc:fs	justify-content:flex-start;
jc:sa	justify-content:space-around;	jc:sb	justify-content:space-between;	mar	max-resolution:[ ];
mir	min-resolution:[ ];	op+	opacity:[ ]; filter: alpha(opacity=[ ]);	op:ie	filter:progid:DXImageTransform.Microsoft.Alpha(Opacity=100);
op:ms	-ms- filter:'progid:DXImageTransform.Microsoft.Alpha(Opacity=100)';	ord	order:[ ];	ori	orientation:[ ];
		ori:l	orientation:landscape;	ori:p	orientation:portrait;
		tov	text-overflow:\$ellipsis};	tov:c	text-overflow:clip;
tov:e	text-overflow:ellipsis;	trf	transform:[ ];	trf:r	transform: rotate([angle]);
trf:rx	transform: rotateX([angle]);	trf:ry	transform: rotateY([angle]);	trf:rz	transform: rotateZ([angle]);
trf:sc	transform: scale([x], [y]);	trf:sc3	transform: scale3d([x], [y], [z]);	trf:scx	transform: scaleX([x]);
		trf:skx	transform: skewX([angle]);	trf:scy	transform: scaleY([y]);
trf:scz	transform: scaleZ([z]);	trf:t3	transform: translate3d([tx], [ty], [tz]);	trf:sky	transform: skewY([angle]);
trf:t	transform: translate([x], [y]);	trfo	transform-origin:[ ];	trf:tx	transform: translateX([x]);
		trsde	transition-delay:[time];	trf:ty	transform: translateY([y]);
trf:tz	transform: translateZ([z]);	trstf	transition-timing-function:[tfunc];	trfs	transform-style: preserve-3d;
trs	transition:[prop] [time];			trsdu	transition-duration:[time];
trsp	transition-property:[prop];			us	user-select:\${none};
				wfsm	-webkit-font-smoothing:\${antialiased};

wfsm:a	-webkit-font-smoothing:antialiased;
wm	writing-mode: <span style="border: 1px solid black; padding: 0 2px;">lr-tb</span> ;
wm:rlb	writing-mode:rl-bt;
wm:tbr	writing-mode:tb-rl;

Cheat Sheet					
wfsm:n	-webkit-font-smoothing:none;	wfsm:s, wfsm:sa	-webkit-font-smoothing:subpixel-antialiased;		
wm:btl	writing-mode:bt-lr;	wm:btr	writing-mode:bt-rl;		
wm:lrb	writing-mode:lr-bt;	wm:lrt	writing-mode:lr-tb;		
wm:rlt	writing-mode:rl-tb;	wm:tbl	writing-mode:tb-lr;		

## XSL

```
tmatch, tm
<xsl:template match="" mode="">
</xsl:template>

imp
<xsl:import href="" />

xsl:when, wh
<xsl:when test=""></xsl:when>

par
<xsl:param name="" /></xsl:param>

vare
<xsl:variable name="" select="" />

elem
<xsl:element name=""></xsl:element>

cp
<xsl:copy select="" />

each, for
<xsl:for-each select=""></xsl:for-each>

msg
<xsl:message terminate="no"></xsl:message>

nam
<namespace-alias stylesheet-prefix="" result-prefix="" />
```

tname, tn	<xsl:template name=""></xsl:template>	call	<xsl:call-template name="" />
ap	<xsl:apply-templates select="" mode="" />	api	<xsl:apply-imports />
inc	<xsl:include href="" />	ch	<xsl:choose></xsl:choose>
ot	<xsl:otherwise></xsl:otherwise>	if	<xsl:if test=""></xsl:if>
pare	<xsl:param name="" select="" />	var	<xsl:variable name="" /></xsl:variable>
wp	<xsl:with-param name="" select="" />	key	<xsl:key name="" match="" use="" />
attr	<xsl:attribute name=""></xsl:attribute>	attrs	<xsl:attribute-set name=""></xsl:attribute-set>
co	<xsl:copy-of select="" />	val	<xsl:value-of select="" />
tex	<xsl:text></xsl:text>	com	<xsl:comment></xsl:comment>
fall	<xsl:fallback></xsl:fallback>	num	<xsl:number value="" />
pres	<xsl:preserve-space elements="" />	strip	<xsl:strip-space elements="" />
proc	<xsl:processing-instruction name=""></xsl:processing-instruction>	sort	<xsl:sort select="" order="" />
		choose+	Alias of xsl:choose>xsl:when+xsl:otherwise <xsl:choose> <xsl:when test=""></xsl:when> <xsl:otherwise></xsl:otherwise> </xsl:choose>

```
xsl  
Alias of !!!+xsl:stylesheet[version=1.0  
xmlns:xsl=http://www.w3.org/1999/XSL/Trans  
form]>{  
}  
  
<?xml version="1.0" encoding="UTF-8"?>  
<xsl:stylesheet version="1.0"  
xmlns:xsl="http://www.w3.org/1999/XSL/Transform  
>|</xsl:stylesheet>
```