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<http://docs.emmet.io/>

1

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>
</div>
<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>
```

Naming and numbering: \$

```
ul>li.sample$*5
<ul>
  <li class="sample1"></li>
  <li class="sample2"></li>
  <li class="sample3"></li>
  <li class="sample4"></li>
  <li class="sample5"></li>
</ul>

h${title=topic$}{Headline $}*3
<h1 title="topic1">Headline 1</h1>
<h2 title="topic2">Headline 2</h2>
<h3 title="topic3">Headline 3</h3>
```

```
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>
```

```
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>
```

```
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>
```

ID and CLASS attributes

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

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

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

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

Custom attributes

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

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

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

Text: {}

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

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

Implicit tag names

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

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

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

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>.

a

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

a:link

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

a:mail

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

abbr

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

acronym, acr

```
<acronym title=""></acronym>
```

base

```
<base href="" />
```

basefont

```
<basefont />
```

br

```
<br />
```

frame

```
<frame />
```

hr

```
<hr />
```

bdo

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

bdo:r

```
<bdo dir="rtl"></bdo>
```

bdo:l

```
<bdo dir="ltr"></bdo>
```

col

```
<col />
```

link

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

link:css

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

link:print

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

link:favicon

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

link:touch

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

link:rss

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

link:atom

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

link:import, link:im

```
<link rel="import"
href="component.html" />
```

meta

```
<meta />
```

meta:utf

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

meta:win

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

meta:vp

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

meta:compat

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

style

```
<style></style>
```

script

```
<script></script>
```

script:src

```
<script src=""></script>
```

img

```
<img src="" alt="" />
```

img:srcset, img:s

```
<img srcset="" src="" alt="" />
```

img:sizes, img:z

```
<img sizes="" srcset="" src=""
alt="" />
```

picture

```
<picture></picture>
```

source, src

```
<source />
```

source:src, src:sc

```
<source src="" type="" />
```

```

source:srcset, src:s
  <source srcset="" />
source:media, src:m
  <source media="(min-width: )"
  srcset="" />
source:type, src:t
  <source srcset="" type="image/" />
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="" />
source:sizes:type, src:zt
  <source sizes="" srcset=""
  type="image/" />
iframe
  <iframe src="" frameborder="0"></
  iframe>
embed
  <embed src="" type="" />
object
  <object data="" type=""></object>
param
  <param name="" value="" />
map
  <map name=""></map>
area
  <area shape="" coords="" href=""
  alt="" />
area:d
  <area shape="default" href=""
  alt="" />
area:c
  <area shape="circle" coords=""
  href="" alt="" />
area:r
  <area shape="rect" coords=""
  href="" alt="" />
area:p
  <area shape="poly" coords=""
  href="" alt="" />

```

Form, Input, Button

```

form
  <form action=""></form>
form:get
  <form action="" method="get"></
  form>
form:post
  <form action="" method="post"></
  form>
label
  <label for=""></label>
input
  <input type="text" />
inp
  <input type="text" name="" id=""
  />
input:hidden, input:h
  <input type="hidden" name="" />
input:text, input:t
  <input type="text" name="" id=""
  />
input:search
  <input type="search" name="" id=""
  />
input:email
  <input type="email" name="" id=""
  />
input:url
  <input type="url" name="" id="" />
input:password, input:p
  <input type="password" name=""
  id="" />
input:datetime
  <input type="datetime" name=""
  id="" />
input:date
  <input type="date" name="" id=""
  />
input:datetime-local
  <input type="datetime-local"
  name="" id="" />
input:month
  <input type="month" name="" id=""
  />
input:week
  <input type="week" name="" id=""
  />
input:time
  <input type="time" name="" id=""
  />

```

```

input:tel
  <input type="tel" name="" id="" />
input:number
  <input type="number" name="" id="" />
input:color
  <input type="color" name="" id="" />
input:checkbox, input:c
  <input type="checkbox" name="" id="" />
input:radio, input:r
  <input type="radio" name="" id="" />
input:range
  <input type="range" name="" id="" />
input:file, input:f
  <input type="file" 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
  <input type="reset" value="" />
select
  <select name="" id=""></select>
select:disabled, select:d
  <select name="" id="" disabled="disabled"></select>
option, opt
  <option value=""></option>
textarea
  <textarea name="" id="" cols="30" rows="10"></textarea>
marquee
  <marquee behavior="" direction=""></marquee>
menu:context, menu:c
  <menu type="context"></menu>
menu:toolbar, menu:t
  <menu type="toolbar"></menu>
video
  <video src=""></video>

```

```

audio
  <audio src=""></audio>
html:xml
  <html xmlns="http://www.w3.org/1999/xhtml"></html>
keygen
  <keygen />
command
  <command />
button:submit, button:s, btn:s
  <button type="submit"></button>
button:reset, button:r, btn:r
  <button type="reset"></button>
button:disabled, button:d, btn:d
  <button disabled="disabled"></button>
fieldset:disabled, fieldset:d, fset:d, fst:d
  <fieldset disabled="disabled"></fieldset>
bq
  <blockquote></blockquote>
fig
  <figure></figure>
figcaption
  <figcaption></figcaption>
pic
  <picture></picture>
ifr
  <iframe src="" frameborder="0"></iframe>
emb
  <embed src="" type="" />
obj
  <object data="" type=""></object>
cap
  <caption></caption>
colg
  <colgroup></colgroup>
fst, fset
  <fieldset></fieldset>
btn
  <button></button>
optg
  <optgroup></optgroup>
tarea
  <textarea name="" id="" cols="30" rows="10"></textarea>

```

```

leg
  <legend></legend>
sect
  <section></section>
art
  <article></article>
hdr
  <header></header>
ftr
  <footer></footer>
adr
  <address></address>
dlg
  <dialog></dialog>
str
  <strong></strong>
prog
  <progress></progress>
mn
  <main></main>
tem
  <template></template>
datag
  <datagrid></datagrid>
datal
  <datalist></datalist>
kg
  <keygen />
out
  <output></output>
det
  <details></details>
cmd
  <command />
ri:dpr, ri:d
  <img srcset="" src="" alt="" />
ri:viewport, ri:v
  <img sizes="" srcset="" src=""
  alt="" />
ri:art, ri:a
  <picture>
    <source media="(min-width: )"
    srcset="" />
    <img src="" alt="" />
  </picture>

```

```

ri:type, ri:t
  <picture>
    <source srcset="" type="image/"
  />
    <img src="" alt="" />
  </picture>
ol+
  <ol>
    <li></li>
  </ol>
ul+
  <ul>
    <li></li>
  </ul>
dl+
  <dl>
    <dt></dt>
    <dd></dd>
  </dl>
map+
  <map name="">
    <area shape="" coords=""
    href="" alt="" />
  </map>
table+
  <table>
    <tr>
      <td></td>
    </tr>
  </table>
colgroup+, colg+
  <colgroup>
    <col />
  </colgroup>
tr+
  <tr>
    <td></td>
  </tr>
select+
  <select name="" id="">
    <option value=""></option>
  </select>
optgroup+, optg+
  <optgroup>
    <option value=""></option>
  </optgroup>
pic+
  <picture>
    <source srcset="" />
    <img src="" alt="" />
  </picture>

```

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:tbc

`display: table-column;`

d:tbc

`display: table-column-group;`

d:tbc

`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;

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:s
overflow-style:scrollbar;

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:b
resize:both;

rsz:h
resize:horizontal;

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 rgb(0, 0, 0);

bxsh:ra
box-shadow:inset h v blur spread rgba(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:n
font-weight:normal;

fw:b
font-weight:bold;

fw:br
font-weight:bolder;

fw:lr
font-weight:lighter;

fs, fs:i
font-style:italic;

fs:n
font-style:normal;

fs:o
font-style:oblique;

fv
font-variant::

fv:n
font-variant:normal;

fv:sc
font-variant:small-caps;

fz
font-size::

fza
font-size-adjust::

fza:n
font-size-adjust:none;

ff
font-family::

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::

fef:n
font-effect:none;

fef:eg
font-effect:engrave;

fef:eb
font-effect:emboss;

fef:o
font-effect:outline;

fem
font-emphasize::

femp
font-emphasize-position::

femp:b
font-emphasize-position:before;

femp:a
font-emphasize-position:after;

fems
font-emphasize-style::

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::

fsm:a
font-smooth:auto;

fsm:n
font-smooth:never;

fsm:aw
font-smooth:always;

fst
font-stretch;;

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;

Text

va
vertical-align:top;

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, 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;;

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, td:n
text-decoration:none;

td:u
text-decoration:underline;

td:o
text-decoration:overline;

td:l
text-decoration:line-through;

te
text-emphasis;;

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;;

th:a
text-height:auto;

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;

tsh:n
text-shadow:none;

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
word-break::

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
background-color:#fff;

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::

bgbk:bb
background-break:bounding-box;

bgbk:eb

background-break:each-box;

bgbk:c

background-break:continuous;

bhcp

background-clip:padding-box;

bhcp:bb

background-clip:border-box;

bhcp:pb

background-clip:padding-box;

bhcp:cb

background-clip:content-box;

bhcp:nc

background-clip:no-clip;

bgo

background-origin;;

bgo:pb

background-origin:padding-box;

bgo:bb

background-origin:border-box;

bgo:cb

background-origin:content-box;

bgsz

background-size;;

bgsz:a

background-size:auto;

bgsz:ct

background-size:contain;

bgsz:cv

background-size:cover;

Color**c**

color:#000;

c:r

color:rgb(0, 0, 0);

c:ra

color:rgba(0, 0, 0, .5);

op

opacity;;

Generated content**cnt**

content:'';

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();

cnt:c, ct:c

content:counter();

cnt:cs, ct:cs

content:counters();

ct

content;;

q

quotes;;

q:n

quotes:none;

q:ru

quotes:'\00AB' ,'\00BB' ,'\201E' ,'\201C';

q:en

quotes:'\201C' ,'\201D' ,'\2018' ,'\2019';

coi

counter-increment;;

cor

counter-reset;;

Outline

ol
outline;;

ol:n
outline:none;

olo
outline-offset;;

olw
outline-width;;

olw:tn
outline-width:thin;

olw:m
outline-width:medium;

olw:tc
outline-width:thick;

ols
outline-style;;

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:#000;

olc:i
outline-color:invert;

Tables

tbl
table-layout;;

tbl:a
table-layout:auto;

tbl:f
table-layout:fixed;

cps
caption-side;;

cps:t
caption-side:top;

cps:b
caption-side:bottom;

ec
empty-cells;;

ec:s
empty-cells:show;

ec:h
empty-cells:hide;

Border

bd
border;;

bd+
border:1px solid #000;

bd:n
border:none;

bdbk
border-break:close;

bdbk:c
border-break:close;

bdc1
border-collapse;;

bdc1:c
border-collapse:collapse;

bdc1:s
border-collapse:separate;

bdc
border-color:#000;

bdc:t
border-color:transparent;

bdi
border-image:url();

bdi:n
border-image:none;

bdti	bdbli:c
border-top-image:url();	border-bottom-left-image:continue;
bdti:n	bdf
border-top-image:none;	border-fit:repeat;
bdri	bdf:c
border-right-image:url();	border-fit:clip;
bdri:n	bdf:r
border-right-image:none;	border-fit:repeat;
bdbi	bdf:sc
border-bottom-image:url();	border-fit:scale;
bdbi:n	bdf:st
border-bottom-image:none;	border-fit:stretch;
bdli	bdf:ow
border-left-image:url();	border-fit:overwrite;
bdli:n	bdf:of
border-left-image:none;	border-fit:overflow;
bdci	bdf:sp
border-corner-image:url();	border-fit:space;
bdci:n	bdlen
border-corner-image:none;	border-length;;
bdci:c	bdlen:a
border-corner-image:continue;	border-length:auto;
bdtli	bdsp
border-top-left-image:url();	border-spacing;;
bdtli:n	bds
border-top-left-image:none;	border-style;;
bdtli:c	bds:n
border-top-left-image:continue;	border-style:none;
bdtri	bds:h
border-top-right-image:url();	border-style:hidden;
bdtri:n	bds:dt
border-top-right-image:none;	border-style:dotted;
bdtri:c	bds:ds
border-top-right-image:continue;	border-style:dashed;
bdbri	bds:s
border-bottom-right-image:url();	border-style:solid;
bdbri:n	bds:db
border-bottom-right-image:none;	border-style:double;
bdbri:c	bds:dt ds
border-bottom-right-image:continue;	border-style:dot-dash;
bdbli	bds:dt dt ds
border-bottom-left-image:url();	border-style:dot-dot-dash;
bdbli:n	bds:w
border-bottom-left-image:none;	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::

bdt, bt
border-top::

bdt+
border-top:1px solid #000;

bdt:n
border-top:none;

bdtw
border-top-width::

bdtS
border-top-style::

bdtS:n
border-top-style:none;

bdtc
border-top-color:#000;

bdtc:t
border-top-color:transparent;

bdr, br
border-right::

bdr+
border-right:1px solid #000;

bdr:n
border-right:none;

bdrw
border-right-width::

bdrst
border-right-style::

bdrst:n
border-right-style:none;

bdrC
border-right-color:#000;

bdrC:t
border-right-color:transparent;

bdb, bb
border-bottom::

bdb+
border-bottom:1px solid #000;

bdb:n
border-bottom:none;

bdbw
border-bottom-width::

bdbS
border-bottom-style::

bdbS:n
border-bottom-style:none;

bdbc
border-bottom-color:#000;

bdbc:t
border-bottom-color:transparent;

bdl, bl
border-left::

bdl+
border-left:1px solid #000;

bdl:n
border-left:none;

bdlw
border-left-width::

bdls
border-left-style::

bdls:n
border-left-style:none;

bdlc
border-left-color:#000;

bdlc:t
border-left-color:transparent;

bdrs
border-radius::

bdtrrs
border-top-right-radius::

bdtlrs
border-top-left-radius::

bdbrrs
border-bottom-right-radius::

bdbllrs
border-bottom-left-radius::

Lists

lis
list-style;;

lis:n
list-style:none;

lisp
list-style-position;;

lisp:i
list-style-position:inside;

lisp:o
list-style-position:outside;

list
list-style-type;;

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;;

lisi:n
list-style-image:none;

Print

pgbb
page-break-before;;

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;;

pgbi:au
page-break-inside:auto;

pgbi:av
page-break-inside:avoid;

pgba
page-break-after;;

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;;

wid
widows;;

Others

!
!important

@f
@font-face {
font-family;;
src:url(|);
}

@f+
@font-face {
font-family: ,FontName';
src: url(,FileName.eot');
src: url(,FileName.eot?#iefix')
format(,embedded-opentype'),
url(,FileName.woff')
format(,woff'),
url(,FileName.ttf')
format(,truetype'),
url(,FileName.
svg#FontName') format(,svg');
font-style: normal;
font-weight: normal;
}

@i, @import

```
@import url();
```

@kf

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

@m, @media

```
@media screen { }
```

ac

```
align-content::
```

ac:c

```
align-content:center;
```

ac:fe

```
align-content:flex-end;
```

ac:fs

```
align-content:flex-start;
```

ac:s

```
align-content:stretch;
```

ac:sa

```
align-content:space-around;
```

ac:sb

```
align-content:space-between;
```

ai

```
align-items::
```

ai:b

```
align-items:baseline;
```

ai:c

```
align-items:center;
```

ai:fe

```
align-items:flex-end;
```

ai:fs

```
align-items:flex-start;
```

ai:s

```
align-items:stretch;
```

Animation**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:ar

```
animation-direction:alternate-
reverse;
```

animdir:n

```
animation-direction:normal;
```

animdir:r

```
animation-direction:reverse;
```

animdur

```
animation-duration:0s;
```

animfm

```
animation-fill-mode:both;
```

animfm:b

```
animation-fill-mode:backwards;
```

animfm:bt, animfm:bh

```
animation-fill-mode:both;
```

animfm:f

```
animation-fill-mode:forwards;
```

animic

```
animation-iteration-count:1;
```

animic:i

```
animation-iteration-count:infinite;
```

animn

```
animation-name:none;
```

animps

```
animation-play-state:running;
```

animps:p

```
animation-play-state:paused;
```

animps:r

```
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:eio
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;

bfv:v
backface-visibility:visible;

bg:ie
filter:progid:DXImageTransform.Microsoft.AlphaImageLoader(src='x.png',sizingMethod='crop');

cm
/* \${child} */

colm
columns::

colmc
column-count::

colmf
column-fill::

colmg
column-gap::

colmr
column-rule::

colmrc
column-rule-color::

colmrs
column-rule-style::

colmrw
column-rule-width::

colms
column-span::

colmw
column-width::

d:ib+
display: inline-block;
*display: inline;
*zoom: 1;

Flex

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:res;

mir
min-resolution:res;

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;

Transform, Transition

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:scy
transform: scaleY(y);

trf:scz
transform: scaleZ(z);

trf:skx
transform: skewX(angle);

trf:sky
transform: skewY(angle);

trf:t
transform: translate(x, y);

trf:t3
transform: translate3d(tx, ty, tz);

trf:tx
transform: translateX(x);

trf:ty
transform: translateY(y);

trf:tz
transform: translateZ(z);

trfo
transform-origin::;

trfs
transform-style:preserve-3d;

trs
transition:prop time;

trsde
transition-delay:time;

trsd
transition-duration:time;

trsp
transition-property:prop;

trstf
transition-timing-function:tfunc;

us
user-select:\${none};

wfsm
-webkit-font-smoothing:\${antialiased};

wfsm:a
-webkit-font-smoothing:antialiased;

wfsm:n
-webkit-font-smoothing:none;

wfsm:s, wfsm:sa
-webkit-font-smoothing:subpixel-antialiased;

wm
writing-mode:lr-tb;

wm:bt
writing-mode:bt-lr;

wm:btr
writing-mode:bt-rl;

wm:lrb
writing-mode:lr-bt;

wm:lrt
writing-mode:lr-tb;

wm:rlb
writing-mode:rl-bt;

wm:rlt
writing-mode:rl-tb;

wm:tbl
writing-mode:tb-lr;

wm:tbr
writing-mode:tb-rl;

XSL

tm
<xsl:template match="" mode=""></xsl:template>

tn
<xsl:template name=""></xsl:template>

call
<xsl:call-template name="" />

ap
<xsl:apply-templates select="" mode="" />

api
<xsl:apply-imports />

imp
<xsl:import href="" />

inc
<xsl:include href="" />

ch
<xsl:choose></xsl:choose>

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

ot
<xsl:otherwise></xsl:otherwise>

if
<xsl:if test=""></xsl:if>

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

pare
<xsl:param name="" select="" />

var
<xsl:variable name=""></xsl:variable>

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

wp
<xsl:with-param name="" select="" />

key
<xsl:key name="" match="" use="" />

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

attr
<xsl:attribute name=""></xsl:attribute>

attrs
<xsl:attribute-set name=""></xsl:attribute-set>

cp
<xsl:copy select="" />

HTML DOCTYPES

!, html:5

```

co
  <xsl:copy-of select="" />
val
  <xsl:value-of select="" />
each, for
  <xsl:for-each select=""></xsl:for-each>
tex
  <xsl:text></xsl:text>
com
  <xsl:comment></xsl:comment>
msg
  <xsl:message terminate="no"></xsl:message>
fall
  <xsl:fallback></xsl:fallback>
num
  <xsl:number value="" />
nam
  <namespace-alias stylesheet-prefix=""
    result-prefix="" />
pres
  <xsl:preserve-space elements="" />
strip
  <xsl:strip-space elements="" />
proc
  <xsl:processing-
    instruction name=""></xsl:processing-instruction>
sort
  <xsl:sort select="" order="" />
choose+
  <xsl:choose>
    <xsl:when test=""></xsl:when>
    <xsl:otherwise></xsl:otherwise>
  </xsl:choose>
xsl
  |}
  <?xml version="1.0"
    encoding="UTF-8"?>
  <xsl:stylesheet version="1.0"
    xmlns:xsl="http://www.w3.org/1999/
    XSL/Transform"></xsl:stylesheet>
!!!
  <?xml version="1.0"
    encoding="UTF-8"?>

```

```

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

</body>
</html>

```

doc

```

<html>
<head>
  <meta charset="UTF-8" />
  <title>Document</title>
</head>
<body>

</body>
</html>

```

doc4

```

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

</body>
</html>

```

html:4t

```

<!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:4s

```
<!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>
```

html:xt

```
<!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>
```

html:xs

```
<!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:xxs

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

!!!

```
<!DOCTYPE html>
```

!!!4t

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

!!!4s

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

!!!xt

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

!!!xs

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

!!!xxs

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