



## Selectors

*	All elements
div	<div>
div *	All elements within <div>
div span	<span> within <div>
div, span	<div> and <span>
div > span	<span> with parent <div>
div + span	<span> preceded by <div>
.class	Elements of class "class"
div.class	<div> of class "class"
#itemid	Element with id "itemid"
div#itemid	<div> with id "itemid"
a[attr]	<a> with attribute "attr"
a[attr='x']	<a> when "attr" is "x"
a[class~='x']	<a> when class is a list containing 'x'
a[lang]='en']	<a> when lang begins "en"

## Pseudo-Selectors and Pseudo-Classes

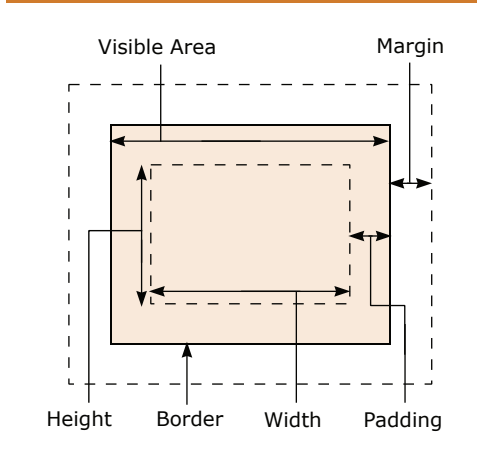
:first-child	First child element
:first-line	First line of element
:first-letter	First letter of element
:hover	Element with mouse over
:active	Active element
:focus	Element with focus
:link	Unvisited links
:visited	Visited links
:lang(var)	Element with language "var"
:before	Before element
:after	After element

## Sizes and Colours

0	0 requires no unit
<b>Relative Sizes</b>	
em	1em equal to font size of parent (same as 100%)
ex	Height of lower case "x"
%	Percentage
<b>Absolute Sizes</b>	
px	Pixels
cm	Centimeters
mm	Millimeters
in	Inches
pt	1pt = 1/72in
pc	1pc = 12pt
<b>Colours</b>	
#789abc	RGB Hex Notation
#acf	Equates to "#aacff"
rgb(0,25,50)	Value of each of red, green, and blue. 0 to 255, may be swapped for percentages.

**Note** Shorthand properties are marked **x**  
Properties that inherit are marked **+**

## Box Model



## Positioning

display	clear
position	z-index
top	direction +
right	unicode-bidi
bottom	overflow
left	clip
float	visibility

## Dimensions

width	min-height
min-width	max-height
max-width	vertical-align
height	

## Color / Background

color +	background-repeat
background x	background-image
background-color	background-position
background-attachment	

## Text

text-indent +	word-spacing +
text-align +	text-transform +
text-decoration	white-space +
text-shadow	line-height +
letter-spacing +	

## Fonts

font + x	font-weight +
font-family +	font-stretch +
font-style +	font-size +
font-variant +	font-size-adjust +

## Boxes

margin x	border-color x
margin-top	border-top-color
margin-right	border-right-color
margin-bottom	border-bottom-color
margin-left	border-left-color
padding x	border-style x
padding-top	border-top-style
padding-right	border-right-style
padding-bottom	border-bottom-style
padding-left	border-left-style
border x	border-width x
border-top x	border-top-width
border-bottom x	border-right-width
border-right x	border-bottom-width
border-left x	border-left-width

## Tables

caption-side +	border-spacing +
table-layout	empty-cells +
border-collapse +	speak-header +

## Paging

size	page-break-inside +
marks	page +
page-break-before	orphans +
page-break-after	widows +

## Interface

cursor +	outline-style
outline x	outline-color
outline-width	

## Aural

volume +	elevation
speak +	speech-rate
pause x	voice-family
pause-before	pitch
pause-after	pitch-range
cue x	stress
cue-before	richness
cue-after	speak-punctuation
play-during	speak-numeral
azimuth +	

## Miscellaneous

content	list-style-type +
quotes +	list-style-image +
counter-reset	list-style-position +
counter-increment	marker-offset
list-style + x	

# Cascading Style Sheets (CSS 3)

BACKGROUND		BORDER		BOX MODEL	
<b>background</b>	<i>background-image</i> <i>background-position</i> <i>background-size</i> <i>background-repeat</i> <i>background-attachment</i> <i>background-origin</i> <i>background-clip</i> <i>background-color</i>	<b>border-top</b>	<i>border-top-width</i> <i>border-style</i> <i>border-color</i>	<b>float</b>	left   right   none
<b>background-attachment</b>	scroll   fixed	<b>border-top-color</b>	<i>border-color</i>	<b>height</b>	auto <i>length</i> %
<b>background-break</b>	bounding-box   each-box   continuous	<b>border-top-style</b>	<i>border-style</i>	<b>max-height</b>	none <i>length</i> %
<b>background-clip</b>	<i>length</i> % border-box   padding-box   content-box   no-clip	<b>border-top-width</b>	thin   medium   thick <i>length</i>	<b>max-width</b>	none <i>length</i> %
<b>background-color</b>	<i>color</i> transparent	<b>border-width</b>	thin   medium   thick <i>length</i>	<b>min-height</b>	none   inherit <i>length</i> %
<b>background-image</b>	<i>url</i> none	<b>border-radius</b>	<i>border-top-right-radius</i> <i>border-bottom-right-radius</i> <i>border-bottom-left-radius</i> <i>border-top-left-radius</i>	<b>min-width</b>	none   inherit <i>length</i> %
<b>background-origin</b>	border-box   padding-box   content-box	<b>border-top-right-radius</b>	<i>length</i>	<b>width</b>	auto % <i>length</i>
<b>background-position</b>	top left   top center   top right   center left   center center   center right   bottom left   bottom center   bottom right <i>x-% y-%</i> <i>x-pos y-pos</i>	<b>border-bottom-right-radius</b>	<i>length</i>	<b>margin</b>	<i>margin-top</i> <i>margin-right</i> <i>margin-bottom</i> <i>margin-left</i>
<b>background-repeat</b>	repeat   repeat-x   repeat-y   no-repeat	<b>border-bottom-left-radius</b>	<i>length</i>	<b>margin-bottom</b>	auto <i>length</i> %
<b>background-size</b>	<i>length</i> % auto   cover   contain	<b>border-top-left-radius</b>	<i>length</i>	<b>margin-left</b>	auto <i>length</i> %
BORDER		FONT		<b>margin-right</b>	auto <i>length</i> %
<b>border</b>	<i>border-width</i> <i>border-style</i> <i>border-color</i>	<b>font</b>	<i>font-style</i> <i>font-variant</i> <i>font-weight</i> <i>font-size/line-height</i> <i>font-family</i> caption   icon   menu   message-box   small-caption   status-bar	<b>margin-top</b>	auto <i>length</i> %
<b>border-break</b>	<i>border-width</i> <i>border-style</i> <i>color</i> close	<b>font-family</b>	<i>family-name</i> <i>generic-family</i> inherit	<b>padding</b>	<i>padding-top</i> <i>padding-right</i> <i>padding-bottom</i> <i>padding-left</i>
<b>border-bottom</b>	<i>border-bottom-width</i> <i>border-style</i> <i>border-color</i>	<b>font-size</b>	xx-small   x-small   small   medium   large   x-large   xx-large   smaller   larger   inherit <i>length</i> %	<b>padding-bottom</b>	<i>length</i> %
<b>border-bottom-color</b>	<i>border-color</i>	<b>font-size-adjust</b>	none   inherit <i>number</i>	<b>padding-left</b>	<i>length</i> %
<b>border-bottom-style</b>	<i>border-style</i>	<b>font-stretch</b>	normal   wider   narrower   ultra-condensed   extra-condensed   condensed   semi-condensed   semi-expanded   expanded   extra-expanded   ultra-expanded   inherit	<b>padding-right</b>	<i>length</i> %
<b>border-bottom-width</b>	thin   medium   thick <i>length</i>	<b>font-style</b>	normal   italic   oblique   inherit	<b>padding-top</b>	<i>length</i> %
<b>border-collapse</b>	collapse   separate	<b>font-variant</b>	normal   small-caps   inherit	<b>marquee-direction</b>	forward   reverse
<b>border-color</b>	<i>color</i>	<b>font-weight</b>	normal   bold   bolder   lighter   100   200   300   400   500   600   700   800   900   inherit	<b>marquee-loop</b>	infinite <i>number</i>
<b>border-image</b>	<i>image</i> [ <i>number</i> / % <i>border-width</i> stretch   repeat   round ] none	BOX MODEL		<b>marquee-play-count</b>	infinite <i>integer</i>
<b>border-left</b>	<i>border-left-width</i> <i>border-style</i> <i>border-color</i>	<b>clear</b>	left   right   both   none	<b>marquee-speed</b>	slow   normal   fast
<b>border-left-color</b>	<i>border-color</i>	<b>display</b>	none   inline   block   inline-block   list-item   run-in   compact   table   inline-table   table-row-group   table-header-group   table-footer-group   table-row   table-column-group   table-column   table-cell   table-caption   ruby   ruby-base   ruby-text   ruby-base-group   ruby-text-group	<b>marquee-style</b>	scroll   slide   alternate
<b>border-left-style</b>	<i>border-style</i>	<b>overflow</b>	visible   hidden   scroll   auto   no-display   no-content <i>overflow-x</i> <i>overflow-y</i>	<b>overflow-style</b>	auto   marquee-line   marquee-block
<b>border-left-width</b>	thin   medium   thick <i>length</i>	<b>overflow-x</b>	visible   hidden   scroll   auto   no-display   no-content	<b>overflow-y</b>	visible   hidden   scroll   auto   no-display   no-content
<b>border-right</b>	<i>border-right-width</i> <i>border-style</i> <i>border-color</i>	<b>rotation</b>	<i>angle</i>	<b>rotation-point</b>	<i>position</i> ( <i>paired value offset</i> )
<b>border-right-color</b>	<i>border-color</i>	<b>rotation-point</b>	<i>position</i> ( <i>paired value offset</i> )	<b>visibility</b>	visible   hidden   collapse
<b>border-right-style</b>	<i>border-style</i>				
<b>border-right-width</b>	thin   medium   thick <i>length</i>				

# Cascading Style Sheets (CSS 3)

TEXT	
<b>direction</b>	ltr   rtl   inherit
<b>hanging-punctuation</b>	none   [ start   end   end-edge ]
<b>letter-spacing</b>	normal <i>length</i> %
<b>punctuation-trim</b>	none   [start   end   adjacent]
<b>text-align</b>	start   end   left   right   center   justify
<b>text-align-last</b>	start   end   left   right   center   justify
<b>text-decoration</b>	none   underline   overline   line-through   blink
<b>text-emphasis</b>	none   [ [ accent   dot   circle   disc ] [ before   after ]? ]
<b>text-indent</b>	<i>length</i> %
<b>text-justify</b>	auto   inter-word   inter-ideograph   inter-cluster   distribute   kashida   tibetan
<b>text-outline</b>	none <i>color</i> <i>length</i>
<b>text-shadow</b>	none <i>color</i> <i>length</i>
<b>text-transform</b>	none   capitalize   uppercase   lowercase
<b>text-wrap</b>	normal   unrestricted   none   suppress
<b>unicode-bidi</b>	normal   embed   bidi-override
<b>white-space</b>	normal   pre   nowrap   pre-wrap   pre-line
<b>white-space-collapse</b>	preserve   collapse   preserve-breaks   discard
<b>word-break</b>	normal   keep-all   loose   break-strict   break-all
<b>word-spacing</b>	normal <i>length</i> %
<b>word-wrap</b>	normal   break-word
COLUMN	
<b>column-count</b>	auto <i>number</i>
<b>column-fill</b>	auto   balance
<b>column-gap</b>	normal <i>length</i>
<b>column-rule</b>	<i>column-rule-width</i> <i>column-rule-style</i> <i>column-rule-color</i>
<b>column-rule-color</b>	<i>color</i>
<b>column-rule-style</b>	<i>border-style</i>
<b>column-rule-width</b>	thin   medium   thick <i>length</i>
<b>columns</b>	<i>column-width</i> <i>column-count</i>
<b>column-span</b>	1   all
<b>column-width</b>	auto <i>length</i>
COLOR	
<b>color</b>	inherit <i>color</i>
<b>opacity</b>	inherit <i>number</i>

TEMPLATE LAYOUT	
<b>box-align</b>	start   end   center   base-
<b>box-direction</b>	normal   reverse
<b>box-flex</b>	<i>number</i>
<b>box-flex-group</b>	<i>integer</i>
<b>box-lines</b>	single   multiple
<b>box-orient</b>	horizontal   vertical   inline-axis   block-axis
<b>box-pack</b>	start   end   center   justify
<b>box-sizing</b>	content-box   padding-box   border-box   margin-box
<b>tab-side</b>	top   bottom   left   right
TABLE	
<b>border-collapse</b>	collapse   separate
<b>border-spacing</b>	<i>length</i> <i>length</i>
<b>caption-side</b>	top   bottom   left   right
<b>empty-cells</b>	show   hide
<b>table-layout</b>	auto   fixed
SPEECH	
<b>cue</b>	<i>cue-before</i> <i>cue-after</i>
<b>cue-before</b>	<i>uri</i> [ silent   x-soft   soft   medium   loud   x-loud ]   none   inherit ] <i>number</i> %
<b>cue-after</b>	<i>uri</i> [ silent   x-soft   soft   medium   loud   x-loud ]   none   inherit ] <i>number</i> %
<b>mark</b>	<i>mark-before</i> <i>mark-after</i>
<b>mark-before</b>	<i>string</i>
<b>mark-after</b>	<i>string</i>
<b>pause</b>	<i>pause-before</i> <i>pause-after</i>
<b>pause-before</b>	none   x-weak   weak   medium   strong   x-strong   inherit <i>time</i>
<b>pause-after</b>	none   x-weak   weak   medium   strong   x-strong   inherit <i>time</i>
<b>phonemes</b>	<i>string</i>
<b>rest</b>	<i>rest-before</i> <i>rest-after</i>
<b>rest-before</b>	none   x-weak   weak   medium   strong   x-strong   inherit <i>time</i>
<b>rest-after</b>	none   x-weak   weak   medium   strong   x-strong   inherit <i>time</i>
<b>speak</b>	none   normal   spell-out   digits   literal-punctuation   no-punctuation   inherit
<b>voice-balance</b>	left   center   right   leftwards   rightwards   inherit <i>number</i>
<b>voice-duration</b>	<i>time</i>

SPEECH	
<b>voice-family</b>	inherit   [ <specific-voice, age, generic-voice, number > ]
<b>voice-rate</b>	x-slow   slow   medium   high   fast   x-fast   inherit %
<b>voice-pitch</b>	x-low   low   medium   high   x-high   inherit <i>number</i> %
<b>voice-pitch-range</b>	x-low   low   medium   high   x-high   inherit <i>number</i>
<b>voice-stress</b>	strong   moderate   none   reduced   inherit
<b>voice-volume</b>	silent   x-soft   soft   medium   loud   x-loud   inherit <i>number</i> %
LIST & MARKERS	
<b>list-style</b>	<i>list-style-type</i> <i>list-style-position</i> <i>list-style-image</i>
<b>list-style-image</b>	none <i>url</i>
<b>list-style-position</b>	Inside   outside
<b>list-style-type</b>	none   asterisks   box   check   circle   diamond   disc   hyphen   square   decimal   decimal-leading-zero   lower-roman   upper-roman   lower-alpha   upper-alpha   lower-greek   lower-latin   upper-latin   hebrew   armenian   georgian   cjk-ideographic   hiragana   katakana   hiragana-iroha   katakana-iroha   footnotes
<b>marker-offset</b>	auto <i>length</i>
ANIMATIONS	
<b>animation</b>	<i>animation-name</i> <i>animation-duration</i> <i>animation-timing-function</i> <i>animation-delay</i> <i>animation-iteration-count</i> <i>animation-direction</i>
<b>animation-delay</b>	<i>time</i>
<b>animation-direction</b>	normal   alternate
<b>animation-duration</b>	<i>time</i>
<b>animation-iteration-count</b>	inherit <i>number</i>
<b>animation-name</b>	none   IDENT
<b>animation-play-state</b>	running   paused
<b>animation-timing-function</b>	ease   linear   ease-in   ease-out   ease-in-out   cubic-Bezier ( <i>number</i> , <i>number</i> , <i>number</i> , <i>number</i> )
TRANSITIONS	
<b>transition</b>	<i>transition-property</i> <i>transition-duration</i> <i>transition-timing-function</i> <i>transition-delay</i>
<b>transition-delay</b>	<i>time</i>
<b>transition-duration</b>	<i>time</i>
<b>transition-property</b>	none   all
<b>transition-timing-function</b>	ease   linear   ease-in   ease-out   ease-in-out   cubic-Bezier ( <i>number</i> , <i>number</i> , <i>number</i> , <i>number</i> )

# Cascading Style Sheets (CSS 3)

GRID POSITIONING	
<b>grid-columns</b>	none   inherit [ <i>length percentage relative length</i> ]
<b>grid-rows</b>	none   inherit [ <i>length percentage relative length</i> ]
OUTLINE	
<b>outline</b>	<i>outline-color</i> <i>outline-style</i> <i>outline-width</i>
<b>outline-color</b>	<i>color</i> invert
<b>outline-offset</b>	inherit <i>length</i>
<b>outline-style</b>	None   dotted   dashed   solid   double   groove   ridge   inset   outset
<b>outline-width</b>	thin   medium   thick <i>length</i>
3D / 2D TRANSFORM	
<b>backface-visibility</b>	visible   hidden
<b>perspective</b>	none <i>number</i>
<b>perspective-origin</b>	[ [ [ <i>percentage</i> ]   <i>&lt;length&gt;</i> ]   left   center   right ] [ [ <i>percentage</i> ]   <i>&lt;length&gt;</i> ]   top   center   bottom ]? ] <i>&lt;length&gt;</i> ]   [ [ left   center   right ] ]   [ top   center   bottom ] ] <i>&lt;length&gt;</i> ]
<b>transform</b>	none   matrix   matrix3d   translate3d   translateX   translateY   translateZ   scale   scale3d   scaleX   scaleY   scaleZ   rotate   rotate3d   rotateX   rotateY   rotateZ   skewX   skewY   skew   perspective
<b>transform-origin</b>	[ [ [ <i>&lt;percentage&gt;</i> ]   <i>&lt;length&gt;</i> ]   left   center   right ] [ [ <i>&lt;percentage&gt;</i> ]   <i>&lt;length&gt;</i> ]   top   center   bottom ]? ] <i>&lt;length&gt;</i> ]   [ [ left   center   right ] ]   [ top   center   bottom ] ] <i>&lt;length&gt;</i> ]
<b>transform-style</b>	flat   preserve-3d
GENERATED CONTENT	
<b>bookmark-label</b>	content <i>attr</i> <i>string</i>
<b>bookmark-level</b>	none <i>integer</i>
<b>bookmark-target</b>	self <i>uri</i> <i>attr</i>
<b>border-length</b>	auto <i>length</i>
<b>content</b>	normal   none   inhibit <i>uri</i>
<b>counter-increment</b>	none <i>identifier number</i>
<b>counter-reset</b>	none <i>identifier number</i>
<b>crop</b>	auto <i>shape</i>
<b>display</b>	normal   none   list-item
<b>float-offset</b>	<i>length length</i>

GENERATED CONTENT	
<b>hyphenate-after</b>	auto <i>integer</i>
<b>hyphenate-before</b>	auto <i>integer</i>
<b>hyphenate-character</b>	auto <i>string</i>
<b>hyphenate-lines</b>	no-limit <i>integer</i>
<b>hyphenate-resource</b>	none <i>uri</i>
<b>hyphens</b>	none   manual   auto
<b>image-resolution</b>	normal   auto <i>dpi</i>
<b>marks</b>	[ crop    cross ]   none
<b>move-to</b>	normal   here <i>identifier</i>
<b>page-policy</b>	start   first   last
<b>quotes</b>	none <i>string string string string</i>
<b>string-set</b>	<i>identifier</i> <i>content-list</i>
<b>text-replace</b>	none [ <i>&lt;string&gt;</i> <i>&lt;string&gt;</i> ]+
LINE BOX	
<b>alignment-adjust</b>	auto   baseline   before-edge   text-before-edge   middle   central   after-edge   text-after-edge   ideographic   alphabetic   hanging   mathematical <i>length</i> %
<b>alignment-baseline</b>	baseline   use-script   before-edge   text-before-edge   after-edge   text-after-edge   central   middle   ideographic   alphabetic   hanging   mathematical
<b>baseline-shift</b>	baseline   sub   super <i>length</i> %
<b>dominant-baseline</b>	auto   use-script   no-change   reset-size   alphabetic   hanging   ideographic   mathematical   central   middle   text-after-edge   text-before-edge
<b>drop-initial-after-align</b>	<i>alignment-baseline</i>
<b>drop-initial-after-adjust</b>	central   middle   after-edge   text-after-edge   ideographic   alphabetic   mathematical <i>length</i> %
<b>drop-initial-before-align</b>	caps-height <i>alignment-baseline</i>
<b>drop-initial-before-adjust</b>	before-edge   text-before-edge   central   middle   hanging   mathematical <i>length</i> %
<b>drop-initial-value</b>	initial <i>integer</i>
<b>drop-initial-size</b>	auto <i>integer</i> % <i>line</i>
<b>inline-box-align</b>	initial   last <i>integer</i>

LINE BOX	
<b>line-height</b>	normal <i>number</i> <i>length</i> %
<b>line-stacking</b>	<i>line-stacking-strategy</i> <i>line-stacking-ruby</i> <i>line-stacking-shift</i>
<b>line-stacking-strategy</b>	inline-line-height   block-line-height   max-height   grid-height
<b>line-stacking-ruby</b>	exclude-ruby   include-ruby
<b>line-stacking-shift</b>	consider-shifts   disregard-shifts
<b>text-height</b>	auto   font-size   text-size   max-size
<b>vertical-align</b>	Baseline   sub   super   top   text-top   middle   bottom   text-bottom <i>length</i> %
HYPERLINK	
<b>target</b>	<i>target-name</i> <i>target-new</i> <i>target-position</i>
<b>target-name</b>	current   root   parent   new   modal <i>string</i>
<b>target-new</b>	window   tab   none
<b>target-position</b>	above   behind   front   back
POSITIONING	
<b>bottom</b>	auto % <i>length</i>
<b>clip</b>	<i>shape</i> auto
<b>left</b>	auto % <i>length</i>
<b>position</b>	static   relative   absolute   fixed
<b>right</b>	auto % <i>length</i>
<b>top</b>	auto % <i>length</i>
<b>z-index</b>	auto <i>number</i>
RUBY	
<b>ruby-align</b>	auto   start   left   center   end   right   distribute-letter   distribute-space   line-edge
<b>ruby-overhang</b>	auto   start   end   none
<b>ruby-position</b>	before   after   right   inline
<b>ruby-span</b>	attr(x)   none

# Cascading Style Sheets (CSS 3)

PAGED MEDIA	
<b>fit</b>	fill   hidden   meet   slice
<b>fit-position</b>	[top   center   bottom]    [left   center   right] <i>length</i> %
<b>image-orientation</b>	auto <i>angle</i>
<b>orphans</b>	<i>integer</i>
<b>page</b>	auto <i>identifier</i>
<b>page-break-after</b>	auto   always   avoid   left   right
<b>page-break-before</b>	auto   always   avoid   left   right
<b>page-break-inside</b>	auto   avoid
<b>size</b>	auto   landscape   portrait <i>length</i>
<b>windows</b>	<i>integer</i>
UI	
<b>appearance</b>	normal   inherit   [icon   window   desktop   workspace   document   tooltip   dialog   button   push-button   hyperlink   radio-button   checkbox   menu-item   tab   menu   menubar   pull-down-menu   pop-up-menu   list-menu   radio-group   checkbox-group   outline-tree   range   field   combo-box   signature   password]
<b>cursor</b>	auto   crosshair   default   pointer   move   e-resize   ne-resize   nw-resize   n-resize   se-resize   sw-resize   s-resize   w-resize   text   wait   help <i>url</i>
<b>icon</b>	auto   inherit <i>url</i>
<b>nav-index</b>	auto   inherit <i>number</i>
<b>nav-up</b>	auto   inherit < <i>id</i> > [ <i>current</i>   <i>root</i>   < <i>target-name</i> > ]
<b>nav-right</b>	auto   inherit < <i>id</i> > [ <i>current</i>   <i>root</i>   < <i>target-name</i> > ]
<b>nav-down</b>	auto   inherit < <i>id</i> > [ <i>current</i>   <i>root</i>   < <i>target-name</i> > ]
<b>nav-left</b>	auto   inherit < <i>id</i> > [ <i>current</i>   <i>root</i>   < <i>target-name</i> > ]
<b>resize</b>	none   both   horizontal   vertical   inherit

- Values in italics are place holders for an actual value (like 1px, 1em, 1%), values in normal text are values that can be used as the actual value
- CSS Properties in **Dark Red** are shorthand properties and each value must be defined. The exception is where the property can define from one to four of the sides of a box element property (Top-Right-Bottom-Left) - i.e. border-width

# Cascading Style Sheets (CSS 3)

PSEUDO-CLASS		UNITS		SELECTOR TYPES		
<b>:active</b>	an activated element	<b>ABSOLUTE MEASUREMENT</b>		<b>Name</b>	<b>Info</b>	<b>Example</b>
<b>:focus</b>	an element while the element has focus	<b>%</b>	percentage	<b>Universal</b>	Any element	* { font: 10px Arial; }
<b>:visited</b>	a visited link	<b>cm</b>	centimeter	<b>Type</b>	Any element of that type	h1 { text-decoration: underline; }
<b>:hover</b>	an element when you mouse over it	<b>in</b>	inch	<b>Grouping</b>	Multiple elements of different types	h1, h2, h3 { font-family: Verdana; }
<b>:link</b>	an unvisited link	<b>mm</b>	millimeter	<b>Class</b>	Multiple elements of different types when you don't want to affect all instances of that type	.sampleclass { text-decoration: underline; }
<b>:disabled</b>	an element while the element is disabled	<b>pc</b>	pica (1p = 12 points)	<b>Id</b>	A single element type when you don't want to affect all instances of that type	#sampleid { text-decoration: underline; }
<b>:enabled</b>	an element while the element is enabled	<b>pt</b>	point (1pt = 1/72 inch)	<b>Descendant</b>	An element that is below (in the document tree) another element—no matter how many levels below	#gallery h1 { text-decoration: underline; }
<b>:checked</b>	an element (form element control) that is checked	<b>RELATIVE MEASUREMENT</b>		<b>Child</b>	An element that is directly below (in the document tree) another element	#title > p { font-weight: bold; }
<b>:selection</b>	an element that is currently selected of highlighted by the user	<b>ch</b>	width of the "0" glyph found in the font for the font size used to render	<b>Adjacent Sibling</b>	All elements that share the same parent and elements are in the same immediate sequence	h1 + p { font-style: italic; }
<b>:lang</b>	Allows the author to specify a language to use in a specified element	<b>em</b>	1em = current font size of current element	<b>General Sibling</b>	All elements that share the same parent and elements are in the same sequence (not necessarily immediate)	h1 ~ p { font-style: italic; }
<b>:nth-child(n)</b>	an element that is the n-th sibling	<b>ex</b>	x-height of the element's font	<b>Attribute</b>	An element with that matches the attribute listed	[selected] - att whatever the value E[att="val"] - att with a specific value E[rel~="next"] - att with a value is a whitespace separated list *[lang]="en" - att value either being exactly "val" or beginning with "val" immediately followed by "." E[att^="val"] - att value that begins with the prefix "val" E[att\$="val"] - att value that end with the suffix "val" E[att*="val"] - att value contains at least one instance of the substring "val"
<b>:nth-last-child(n)</b>	an element that is the n-th sibling counting from the last sibling	<b>gd</b>	the grid defined by 'layout-grid'			
<b>:first-child</b>	an element that is the first sibling	<b>px</b>	pixel of the viewing device			
<b>:last-child</b>	an element that is the last sibling	<b>rem</b>	the font size of the root element			
<b>:only-child</b>	an element that is the only child	<b>vh</b>	the viewport's height			
<b>:nth-of-type(n)</b>	an element that is the n-th sibling of its type.	<b>vw</b>	the viewport's width			
<b>:nth-last-of-type(n)</b>	an element that is the n-th sibling of its type counting from the last sibling	<b>vm</b>	viewport's height or width, whichever is smaller of the two			
<b>:last-of-type</b>	an element that is the first sibling of its type	<b>ANGLES</b>				
<b>:first-of-type</b>	an element that is the last sibling of its type	<b>deg</b>	degrees			
<b>:only-of-type</b>	an element that is the only child of that type	<b>grad</b>	grads			
<b>:empty</b>	an element that has no children	<b>rad</b>	radians			
<b>:root</b>	root element within the document	<b>turn</b>	turns			
<b>:not(x)</b>	an element not represented by the argument 'x'	<b>TIME</b>				
<b>:target</b>	a target element as specified by a target in a URI	<b>ms</b>	milli-seconds			
<b>PSEUDO-ELEMENT</b>		<b>s</b>	seconds			
<b>::first-letter</b>	Adds special style to the first letter of a text	<b>FREQUENCY</b>				
<b>::first-line</b>	Adds special style to the first line of a text	<b>Hz</b>	hertz			
<b>::before</b>	Inserts some content before an element	<b>kHz</b>	kilo-hertz			
<b>::after</b>	Inserts some content after an element	<b>COLORS</b>				
		<b>color name</b>	red, blue, green, dark green			
		<b>rgb(x,y,z)</b>	red = rgb(255,0,0)			
		<b>rgb(x%,y%,z%)</b>	red = rgb(100%,0,0)			
		<b>rgba(x,y,z, alpha)</b>	red = rgba(255,0,0)			
		<b>#rrggbb</b>	red = #ff0000 (or shorthand = #f00)			
		<b>hsl(hue, saturation, lightness)</b>	red = hsl(0, 100%, 50%)			
		<b>hsla(hue, saturation, lightness, alpha)</b>	red = hsl(0, 100%, 50%)			
		<b>flavor</b>	An accent color (typically chosen by the user) to customize the user interface of the user agent itself			
		<b>currentColor</b>	computed value of the 'currentColor' keyword is the computed value of the 'color' property			