

Cascading Style Sheets (CSS 3)

BACKGROUND	
background	<i>background-image background-position background-size background-repeat background-attachment background-origin background-clip background-color</i>
background-attachment	scroll fixed
background-break	bounding-box each-box continuous
background-clip	<i>length % border-box padding-box content-box no-clip</i>
background-color	<i>color transparent</i>
background-image	<i>url none</i>
background-origin	<i>border-box padding-box content-box</i>
background-position	<i>top left top center top right center left center center center right bottom left bottom center bottom right x-% y-% x-pos y-pos</i>
background-repeat	<i>repeat repeat-x repeat-y no-repeat</i>
background-size	<i>length % auto cover contain</i>
BORDER	
border	<i>border-width border-style border-color</i>
border-break	<i>border-width border-style color close</i>
border-bottom	<i>border-bottom-width border-style border-color</i>
border-bottom-color	<i>border-color</i>
border-bottom-style	<i>border-style</i>
border-bottom-width	<i>thin medium thick length</i>
border-collapse	<i>collapse separate</i>
border-color	<i>color</i>
border-image	<i>image [number / % border-width stretch repeat round] none</i>
border-left	<i>border-left-width border-style border-color</i>
border-left-color	<i>border-color</i>
border-left-style	<i>border-style</i>
border-left-width	<i>thin medium thick length</i>
border-right	<i>border-right-width border-style border-color</i>
border-right-color	<i>border-color</i>
border-right-style	<i>border-style</i>
border-right-width	<i>thin medium thick length</i>

BORDER	
border-top	<i>border-top-width border-style border-color</i>
border-top-color	<i>border-color</i>
border-top-style	<i>border-style</i>
border-top-width	<i>thin medium thick length</i>
border-width	<i>thin medium thick length</i>
border-radius	<i>border-top-right-radius border-bottom-right-radius border-bottom-left-radius border-top-left-radius</i>
border-top-right-radius	<i>length</i>
border-bottom-right-radius	<i>length</i>
border-bottom-left-radius	<i>length</i>
border-top-left-radius	<i>length</i>
box-shadow	<i>inset [length, length, length, length <color>] none</i>
border-style	<i>none hidden dotted dashed solid double groove ridge inset outset</i>
FONT	
font	<i>font-style font-variant font-weight font-size/line-height font-family caption icon menu message-box small-caption status-bar</i>
font-family	<i>family-name generic-family inherit</i>
font-size	<i>xx-small x-small small medium large x-large xx-large smaller larger inherit length %</i>
font-size-adjust	<i>none inherit number</i>
font-stretch	<i>normal wider narrower ultra-condensed extra-condensed condensed semi-condensed semi-expanded expanded extra-expanded ultra-expanded inherit</i>
font-style	<i>normal italic oblique inherit</i>
font-variant	<i>normal small-caps inherit</i>
font-weight	<i>normal bold bolder lighter 100 200 300 400 500 600 700 800 900 inherit</i>
BOX MODEL	
clear	<i>left right both none</i>
display	<i>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</i>

BOX MODEL	
float	<i>left right none</i>
height	<i>auto length %</i>
max-height	<i>none length %</i>
max-width	<i>none length %</i>
min-height	<i>none inherit length %</i>
min-width	<i>none inherit length %</i>
width	<i>auto % length</i>
margin	<i>margin-top margin-right margin-bottom margin-left</i>
margin-bottom	<i>auto length %</i>
margin-left	<i>auto length %</i>
margin-right	<i>auto length %</i>
margin-top	<i>auto length %</i>
padding	<i>padding-top padding-right padding-bottom padding-left</i>
padding-bottom	<i>length %</i>
padding-left	<i>length %</i>
padding-right	<i>length %</i>
padding-top	<i>length %</i>
marquee-direction	<i>forward reverse</i>
marquee-loop	<i>infinite number</i>
marquee-play-count	<i>infinite integer</i>
marquee-speed	<i>slow normal fast</i>
marquee-style	<i>scroll slide alternate</i>
overflow	<i>visible hidden scroll auto no-display no-content overflow-x overflow-y</i>
overflow-style	<i>auto marquee-line marquee-block</i>
overflow-x	<i>visible hidden scroll auto no-display no-content</i>
overflow-y	<i>visible hidden scroll auto no-display no-content</i>
rotation	<i>angle</i>
rotation-point	<i>position (paired value offset)</i>
visibility	<i>visible hidden collapse</i>

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

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

SPEECH	
voice-family	inherit [<specific-voice, age, generic-voice, number>]
voice-rate	x-slow slow medium fast x-fast inherit %
voice-pitch	x-low low medium high x-high inherit number %
voice-pitch-range	x-low low medium high x-high inherit number
voice-stress	strong moderate none reduced inherit
voice-volume	silent x-soft soft medium loud x-loud inherit number %
LIST & MARKERS	
list-style	list-style-type list-style-position list-style-image
list-style-image	none url
list-style-position	Inside outside
list-style-type	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
marker-offset	auto length
ANIMATIONS	
animation	animation-name animation-duration animation-timing-function animation-delay animation-iteration-count animation-direction
animation-delay	time
animation-direction	normal alternate
animation-duration	time
animation-iteration-count	inherit number
animation-name	none IDENT
animation-play-state	running paused
animation-timing-function	ease linear ease-in ease-out ease-in-out cubic-Bezier (number, number, number)
TRANSITIONS	
transition	transition-property transition-duration transition-timing-function transition-delay
transition-delay	time
transition-duration	time
transition-property	none all
transition-timing-function	ease linear ease-in ease-out ease-in-out cubic-Bezier (number, number, number)

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

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

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

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PSEUDO-CLASS		UNITS		SELECTOR TYPES	
		ABSOLUTE MEASUREMENT		Name	
:active	an activated element	%	percentage	Universal	Any element
:focus	an element while the element has focus	cm	centimeter	Type	h1 { text-decoration: underline; }
:visited	a visited link	in	inch	Grouping	h1, h2, h3 { font-family: Verdana; }
:hover	an element when you mouse over it	mm	millimeter	Class	.sampleclass { text-decoration: underline; }
:link	an unvisited link	pc	pica (1p = 12 points)		
:disabled	an element while the element is disabled	pt	point (1pt = 1/72 inch)		
:enabled	an element while the element is enabled	RELATIVE MEASUREMENT			
:checked	an element (form element control) that is checked	ch	width of the "0" glyph found in the font for the font size used to render		
:selection	an element that is currently selected or highlighted by the user	em	1em = current font size of current element		
:lang	Allows the author to specify a language to use in a specified element	ex	x-height of the element's font		
:nth-child(n)	an element that is the n-th sibling	gd	the grid defined by 'layout-grid'		
:nth-last-child(n)	an element that is the n-th sibling counting from the last sibling	px	pixel of the viewing device		
:first-child	an element that is the first sibling	rem	the font size of the root element		
:last-child	an element that is the last sibling	vh	the viewport's height		
:only-child	an element that is the only child	vw	the viewport's width		
:nth-of-type(n)	an element that is the n-th sibling of its type.	vm	viewport's height or width, whichever is smaller of the two		
:nth-last-of-type(n)	an element that is the n-th sibling of its type counting from the last sibling	ANGLES			
:last-of-type	an element that is the first sibling of its type	deg	degrees		
:first-of-type	an element that is the last sibling of its type	grad	grads		
:only-of-type	an element that is the only child of that type	rad	radians		
:empty	an element that has no children	turn	turns		
:root	root element within the document	TIME			
:not(x)	an element not represented by the argument 'x'	ms	milli-seconds		
:target	a target element as specified by a target in a URI	s	seconds		
PSEUDO-ELEMENT		FREQUENCY			
::first-letter	Adds special style to the first letter of a text	Hz	hertz		
::first-line	Adds special style to the first line of a text	kHz	kilo-hertz		
::before	Inserts some content before an element	COLORS			
::after	Inserts some content after an element	color name	red, blue, green, dark green		
		rgb(x,y,z)	red = rgb(255,0,0)		
		rgb(x%,y%,z%)	red = rgb(100%,0,0)		
		rgba(x,y,z,alpha)	red = rgba(255,0,0)		
		#rrggb	red = #ff0000 (or shorthand = #f00)		
		hsl(hue, saturation, lightness)	red = hsl(0, 100%, 50%)		
		hsla(hue, saturation, lightness, alpha)	red = hsl(0, 100%, 50%)		
		flavor	An accent color (typically chosen by the user) to customize the user interface of the user agent itself		
		currentColor	computed value of the 'currentColor' keyword is the computed value of the 'color' property		
				Attribute	E[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"