Cascading Style Sheets Reference

http://www.w3schools.com/css/css_reference.asp

Background

Property	Description	Values	IE	F	N	W3C
background	A shorthand property for setting all background properties in one declaration	background-color background-image background-repeat background-attachment background-position	4	1	6	1
background-attachment	Sets whether a background image is fixed or scrolls with the rest of the page	scroll fixed	4	1	6	1
background-color	Sets the background color of an element	color-rgb color-hex color-name transparent	4	1	4	1
background-image	Sets an image as the background	url none	4	1	4	1
background-position	Sets the starting position of a background image	top left top center top right center left center center center right bottom left bottom center bottom right x-% y-% x-pos y-pos	4	1	6	1
background-repeat	Sets if/how a background image will be repeated	repeat repeat-x repeat-y no-repeat	4	1	4	1

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Border

Property	Description	Values	IE	F	N	W3C
border	A shorthand property for setting all of the properties for the four borders in one declaration	border-width border-style border-color	4	1	4	1
border-bottom	A shorthand property for setting all of the properties for the bottom border in one declaration	border-bottom-width border-style border-color	4	1	6	1
border-bottom-color	Sets the color of the bottom border	border-color	4	1	6	2
border-bottom-style	Sets the style of the bottom border	border-style	4	1	6	2
border-bottom-width	Sets the width of the bottom border	thin medium thick <i>length</i>	4	1	4	1
border-color	Sets the color of the four borders, can have from one to four colors	color	4	1	6	1
border-left	A shorthand property for setting all of the properties for the left border in one declaration	border-left-width border-style border-color	4	1	6	1
border-left-color	Sets the color of the left border	border-color	4	1	6	2
border-left-style	Sets the style of the left border	border-style	4	1	6	2
border-left-width	Sets the width of the left border	thin medium thick <i>length</i>	4	1	4	1
border-right	A shorthand property for setting all of the properties for the right border in one declaration	border-right-width border-style border-color	4	1	6	1
border-right-color	Sets the color of the right border	border-color	4	1	6	2
border-right-style	Sets the style of the right border	border-style	4	1	6	2
border-right-width	Sets the width of the right border	thin medium thick <i>length</i>	4	1	4	1

Border CONTINUED

border-style	Sets the style of the four borders, can have from one to four styles	none hidden dotted dashed solid double groove ridge inset outset	4	1	6	1
border-top	A shorthand property for setting all of the properties for the top border in one declaration	border-top- width border-style border-color	4	1	6	1
border-top- color	Sets the color of the top border	border-color	4	1	6	2
border-top- style	Sets the style of the top border	border-style	4	1	6	2
border-top- width	Sets the width of the top border	thin medium thick <i>length</i>	4	1	4	1
border- width	A shorthand property for setting the width of the four borders in one declaration, can have from one to four values	thin medium thick <i>length</i>	4	1	4	1

Classification

Property	Description	Values	IE	F	N	W3C
clear	Sets the sides of an element where other floating elements are not allowed	left right both none	4	1	4	1
cursor	Specifies the type of cursor to be displayed	url auto crosshair default pointer move e-resize ne-resize nw-resize n-resize se-resize sw-resize sw-resize w-resize text wait help	4	1	6	2
display	Sets how/if an element is displayed	none inline block list-item run-in compact marker table inline-table table-row-group table-header-group table-footer-group table-row table-column-group table-column	4	1	4	1
float	Sets where an image or a text will appear in another element	left right none	4	1	4	1
position	Places an element in a static, relative, absolute or fixed position	static relative absolute fixed	4	1	4	2
visibility	Sets if an element should be visible or invisible	visible hidden collapse	4	1	6	2

Dimension

Property	Description	Values	ΙE	F	N	W3C
height	Sets the height of an element	auto length %	4	1	6	1
line-height	Sets the distance between lines	normal number length %	4	1	4	1
max-height	Sets the maximum height of an element	none length %	_	1	6	2
max-width	Sets the maximum width of an element	none length %	_	1	6	2
min-height	Sets the minimum height of an element	length %	-	1	6	2
min-width	Sets the minimum width of an element	length %	-	1	6	2
width	Sets the width of an element	auto % length	4	1	4	1

Font

Property	Description	Values	IE	F	N	W3C
font	A shorthand property for setting all of the properties for a font in one declaration	font-style font-variant font-weight font-size/line-height font-family caption icon menu message-box small-caption status-bar	4	1	4	1
font-family	A prioritized list of font family names and/or generic family names for an element	family-name generic-family	3	1	4	1
font-size	Sets the size of a font	xx-small x-small small medium large x-large xx-large smaller larger length %	3	1	4	1
font-size-adjust	Specifies an aspect value for an element that will preserve the x-height of the first-choice font	none number	-	-	-	2
font-stretch	Condenses or expands the current font-family	normal wider narrower ultra-condensed extra-condensed condensed semi-condensed semi-expanded expanded extra-expanded ultra-expanded	-	-	-	2
font-style	Sets the style of the font	normal italic oblique	4	1	4	1
font-variant	Displays text in a small-caps font or a normal font	normal small-caps	4	1	6	1
font-weight	Sets the weight of a font	normal lighter bold 100 - 900 bolder	4	1	4	1

Generated Content

Property	Description	Values	IE	F	N	W3C
content	Generates content in a document. Used with the :before and :after pseudo-elements	string url counter(name) counter(name, list-style- type) counters(name, string) counters(name, string, list-style-type) attr(X) open-quote close-quote no-open-quote no-close-quote		1	6	2
counter-increment	Sets how much the counter increments on each occurrence of a selector	none identifier number				2
counter-reset	Sets the value the counter is set to on each occurrence of a selector	none identifier number				2
quotes	Sets the type of quotation marks	none string string	-	1	6	2

List and Marker

Property	Description	Values	IE	F	N	W3C
list-style	A shorthand property for setting all of the properties for a list in one declaration	list-style-type list-style-position list-style-image	4	1	6	1
list-style-image	Sets an image as the list-item marker	none url	4	1	6	1
list-style-position	Sets where the list-item marker is placed in the list	inside outside	4	1	6	1
list-style-type	Sets the type of the list-item marker	none disc circle 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	4	1	4	1
marker-offset		auto length		1	7	2

Margin

Property	Description	Values	IE	F	N	W3C
margin	A shorthand property for setting the margin properties in one declaration	margin-top margin-right margin-bottom margin-left	4	1	4	1
margin-bottom	Sets the bottom margin of an element	auto length %	4	1	4	1
margin-left	Sets the left margin of an element	auto length %	3	1	4	1
margin-right	Sets the right margin of an element	auto length %	3	1	4	1
margin-top	Sets the top margin of an element	auto length %	3	1	4	1

Outlines

Property	Description	Values	IE	F	N	W3C
outline	A shorthand property for setting all the outline properties in one declaration	outline-color outline-style outline-width	-	1.5	-	2
outline-color	Sets the color of the outline around an element	color invert	-	1.5	-	2
outline-style	Sets the style of the outline around an element	none dotted dashed solid double groove ridge inset outset	-	1.5	-	2
outline-width	Sets the width of the outline around an element	thin medium thick <i>length</i>	-	1.5	-	2

Padding

Property	Description	Values	IE	F	N	W3C
padding	A shorthand property for setting all of the padding properties in one declaration	padding-top padding-right padding-bottom padding-left	4	1	4	1
padding-bottom	Sets the bottom padding of an element	length %	4	1	4	1
padding-left	Sets the left padding of an element	length %	4	1	4	1
padding-right	Sets the right padding of an element	length %	4	1	4	1
padding-top	Sets the top padding of an element	length %	4	1	4	1

Positioning

Property	Description	Values	IE	F	N	W3C
bottom	Sets how far the bottom edge of an element is above/below the bottom edge of the parent element	auto % length	5	1	6	2
clip	Sets the shape of an element. The element is clipped into this shape, and displayed	shape auto	4	1	6	2
left	Sets how far the left edge of an element is to the right/left of the left edge of the parent element	auto % length	4	1	4	2
overflow	Sets what happens if the content of an element overflow its area	visible hidden scroll auto	4	1	6	2
position	Places an element in a static, relative, absolute or fixed position	static relative absolute fixed	4	1	4	2
right	Sets how far the right edge of an element is to the left/right of the right edge of the parent element	auto % length	5	1	6	2
top	Sets how far the top edge of an element is above/below the top edge of the parent element	auto % length	4	1	4	2
vertical-align	Sets the vertical alignment of an element	baseline sub super top text-top middle bottom text-bottom length %	4	1	4	1
z-index	Sets the stack order of an element	auto number	4	1	6	2

Table

Property	Description	Values		F	N	W3C
border-collapse	Sets the border model of a table	1		1	7	2
border-spacing	Sets the distance between the borders of adjacent cells (only for the "separated borders" model)	borders of adjacent cells (only for the "separated borders"		1	6	2
caption-side	Sets the position of the caption according to the table	bottom left right		1	6	2
empty-cells	Sets whether cells with no visible content should have borders or not (only for the "separated borders" model)	show hide		1	6	2
table-layout	Sets the algorithm used to lay out the table	auto fixed	5	1	6	2

Text

Property	Description	Values	IE	F	N	W3C
color	Sets the color of a text	color	3	1	4	1
direction	Sets the text direction	direction ltr rtl		1	6	2
letter-spacing	Increase or decrease the space between characters	normal length	4	1	6	1
text-align	Aligns the text in an element	Aligns the text in an element left right center justify		1	4	1
text-decoration	Adds decoration to text none underline overline line-through blink		4	1	4	1
text-indent	Indents the first line of text in an element	n length %		1	4	1
text-shadow		none color length				
text-transform	Controls the letters in an element none capitalize uppercase lowercase		4	1	4	1
unicode-bidi		normal 5 embed bidi-override				2
white-space	Sets how white space inside an element is handled	e normal 5 pre nowrap 5		1	4	1
word-spacing	Increase or decrease the space between words	normal length	6	1	6	1

Pseudo-classes

Pseudo-class	Purpose		F	N	W3C
:active	Adds special style to an activated element	4	1	8	1
:focus	Adds special style to an element while the element has focus		-	-	2
:hover	Adds special style to an element when you mouse over it		1	7	1
:link	Adds special style to an unvisited link		1	4	1
:visited	Adds special style to a visited link		1	4	1
:first-child	Adds special style to an element that is the first child of some other element		1	7	2
:lang	Allows the author to specify a language to use in a specified element		1	8	2

Pseudo-elements

Pseudo-element	Purpose	IE	F	N	W3C
:first-letter	Adds special style to the first letter of a text		1	8	1
:first-line	Adds special style to the first line of a text		1	8	1
:before	Inserts some content before an element		1.5	8	2
:after	Inserts some content after an element		1.5	8	2

Print Properties

Printing HTML documents has always been problematic. In CSS2 the print properties are added to make it easier to print from the Web.

The links in the "Property" column point to more useful information about the specific property.

W3C: The number in the "W3C" column indicates in which CSS recommendation the property is defined (CSS1 or CSS2).

Property	Description	Values	W3C
orphans	Sets the minimum number of lines for a paragraph that must be left at the bottom of a page	number	2
marks	Sets what sort of marks should be rendered outside the page box	none crop cross	
page	Sets a page type to use when displaying an element	auto identifier	2
page-break-after	Sets the page-breaking behavior after an element	auto always avoid left right	2
page-break-before	Sets the page-breaking behavior before an element		2
page-break-inside	reak-inside Sets the page-breaking behavior inside an element avoid		2
size	Sets the orientation and size of a page	auto portrait landscape	
widows	Sets the minimum number of lines for a paragraph that must be left at the top of a page		2

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CSS2 Aural Reference

W3C: The number in the "W3C" column indicates in which CSS recommendation the property is defined (CSS1 or CSS2).

Aural style sheets use a combination of speech synthesis and sound effects to make the user listen to information, instead of reading information.

Property	Description	Values	W3C
azimuth	Sets where the sound/voices should come from (horizontally) far-left left center-left center center-right right far-right right-side behind leftwards rightwards		2
cue	A shorthand property for setting the cue-before and cue-after properties in one declaration	A shorthand property for setting the cue-before and cue-after after properties in one	
cue-after	Specifies a sound to be played after speaking an element's content to delimit it from other		2
cue-before	Specifies a sound to be played before speaking an element's content to delimit it from other		2
elevation	Sets where the sound/voices should come from (vertically) below level above higher lower		2
pause	A shorthand property for setting the pause-before and pause-after properties in one declaration	ing the pause-before and pause-after properties in one	
pause-after	Specifies a pause after speaking an element's content	time ontent %	
pause-before	Specifies a pause before speaking an element's content	time %	2

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CSS2 Aural Reference CONTINUED

Property	Description	Values	W3C
pitch	Specifies the speaking voice	frequency x-low low medium high x-high	2
pitch-range	Specifies the variation in the speaking voice. (Monotone voice or animated voice?)	number	2
play-during	Specifies a sound to be played while speaking an element's content		2
richness	Specifies the richness in the speaking voice. (Rich voice or thin voice?)	number	2
speak	Specifies whether content will render aurally	normal none spell-out	2
speak-header	Specifies how to handle table headers. Should the headers be spoken before every cell, or only before a cell with a different header than the previous cell	always once	2
speak- numeral	Specifies how to speak numbers	digits continuous	2
speak- punctuation	Specifies how to speak punctuation characters	none code	2
speech-rate	Specifies the speed of the speaking	number x-slow slow medium fast x-fast faster slower	2
stress	Specifies the "stress" in the speaking voice	number	2
voice-family	A prioritized list of voice family names that contain specific voices	specific- voice generic- voice	2
volume	Specifies the volume of the speaking	number % silent x-soft soft medium loud x-loud	2

CSS Units

Measurements

Unit	Description	
%	percentage	
in	inch	
cm	centimeter	
mm	millimeter	
em	one em is equal to the current font size of the current element	
ex	one ex is the x-height of a font (x-height is usually about half the font-size)	
pt	point (1 pt is the same as 1/72 inch)	
рс	pica (1 pc is the same as 12 points)	
px	pixels (a dot on the computer screen)	

Colors

Unit	Description	
color_name	color name (e.g. red)	
rgb(x,x,x)	An RGB value (e.g. rgb(255,0,0))	
rgb(x%, x%, x%)	An RGB percentage value (e.g. rgb(100%,0%,0%))	
#rrggbb	HEX number (e.g. #ff0000)	

Color Values

CSS colors are defined using a hexadecimal notation for the combination of Red, Green, and Blue color values (RGB). The lowest value that can be given to one light source is 0 (hex #00). The highest value is 255 (hex #FF).

This table shows the result of combining Red, Green, and Blue light sources:.

Color	Color HEX	Color RGB
	#000000	rgb(0,0,0)
	#FF0000	rgb(255,0,0)
	#00FF00	rgb(0,255,0)
	#0000FF	rgb(0,0,255)
	#FFFF00	rgb(255,255,0)
	#00FFFF	rgb(0,255,255)
	#FF00FF	rgb(255,0,255)
	#C0C0C0	rgb(192,192,192)
	#FFFFFF	rgb(255,255,255)

216 Cross Platform Web Safe Colors

A few years ago, when most computers supported only 256 different colors, a list of 216 Web Safe Colors was suggested as a Web standard. The reason for this was that the Microsoft and Mac operating system used 40 different "reserved" fixed system colors (about 20 each). The 216 cross-platform web-safe color palette was created to ensure that all computers would display the colors correctly when running a 256 color palette:

000000	000033	000066	000099	0000CC	0000FF
003300	003333	003366	003399	0033CC	0033FF
006600	006633	006666	006699	0066CC	0066FF
009900	009933	009966	009999	0099CC	0099FF
00CC00	00CC33	00CC66	00CC99	00CCCC	00CCFF
00FF00	00FF33	00FF66	00FF99	00FFCC	00FFFF
330000	330033	330066	330099	3300CC	3300FF
333300	333333	333366	333399	3333CC	3333FF
336600	336633	336666	336699	3366CC	3366FF
339900	339933	339966	339999	3399CC	3399FF
33CC00	33CC33	33CC66	33CC99	33CCCC	33CCFF
33FF00	33FF33	33FF66	33FF99	33FFCC	33FFFF
660000	660033	660066	660099	6600CC	6600FF
663300	663333	663366	663399	6633CC	6633FF
666600	666633	666666	666699	6666CC	6666FF
669900	669933	669966	669999	6699CC	6699FF
66CC00	66CC33	66CC66	66CC99	66CCCC	66CCFF
66FF00	66FF33	66FF66	66FF99	66FFCC	66FFFF
990000	990033	990066	990099	9900CC	9900FF
993300	993333	993366	993399	9933CC	9933FF
996600	996633	996666	996699	9966CC	9966FF
999900	999933	999966	999999	9999CC	9999FF
99CC00	99CC33	99CC66	99CC99	99CCCC	99CCFF
99FF00	99FF33	99FF66	99FF99	99FFCC	99FFFF
CC0000	CC0033	CC0066	CC0099	CC00CC	CC00FF
CC3300	CC3333	CC3366	CC3399	CC33CC	CC33FF
CC6600	CC6633	CC6666	CC6699	CC66CC	CC66FF
CC9900	CC9933	CC9966	CC9999	CC99CC	CC99FF
CCCC00	CCCC33	CCCC66	CCCC99	CCCCCC	CCCCFF
CCFF00	CCFF33	CCFF66	CCFF99	CCFFCC	CCFFFF
FF0000	FF0033	FF0066	FF0099	FF00CC	FF00FF
FF3300	FF3333	FF3366	FF3399	FF33CC	FF33FF
FF6600	FF6633	FF6666	FF6699	FF66CC	FF66FF
FF9900	FF9933	FF9966	FF9999	FF99CC	FF99FF
FFCC00	FFCC33	FFCC66	FFCC99	FFCCCC	FFCCFF
FFFF00	FFFF33	FFFF66	FFFF99	FFFFCC	FFFFF

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CSS Color Names

The table below provides a list of the 147 color names supported by popular browsers.

Click on a color name (or a hex value) to view the color as the background-color along with different text colors:

Color Name	Color HEX	Color
AliceBlue	#F0F8FF	
AntiqueWhite	#FAEBD7	
Aqua	#00FFFF	
Aquamarine	#7FFFD4	
Azure	#F0FFFF	
Beige	#F5F5DC	
Bisque	#FFE4C4	
Black	#000000	
BlanchedAlmond	#FFEBCD	
Blue	#0000FF	
BlueViolet	#8A2BE2	
Brown	#A52A2A	
BurlyWood	#DEB887	
CadetBlue	#5F9EA0	
Chartreuse	#7FFF00	
Chocolate	#D2691E	
Coral	#FF7F50	
CornflowerBlue	#6495ED	
Cornsilk	#FFF8DC	
Crimson	#DC143C	
Cyan	#00FFFF	
DarkBlue	#00008B	
DarkCyan	#008B8B	
DarkGoldenRod	#B8860B	
DarkGray	#A9A9A9	
DarkGrey	#A9A9A9	
DarkGreen	#006400	
DarkKhaki	#BDB76B	
DarkMagenta	#8B008B	
DarkOliveGreen	#556B2F	
Darkorange	#FF8C00	
DarkOrchid	#9932CC	
DarkRed	#8B0000	
DarkSalmon	#E9967A	
DarkSeaGreen	#8FBC8F	
DarkSlateBlue	#483D8B	
DarkSlateGray	#2F4F4F	

Color Name	Color HEX	Color
DarkSlateGrey	#2F4F4F	
DarkTurquoise	#00CED1	
DarkViolet	#9400D3	
DeepPink	#FF1493	
DeepSkyBlue	#00BFFF	
DimGray	#696969	
DimGrey	#696969	
DodgerBlue	#1E90FF	
FireBrick	#B22222	
FloralWhite	#FFFAF0	
ForestGreen	#228B22	
Fuchsia	#FF00FF	
Gainsboro	#DCDCDC	
GhostWhite	#F8F8FF	
Gold	#FFD700	
GoldenRod	#DAA520	
Gray	#808080	
Grey	#808080	
Green	#008000	
GreenYellow	#ADFF2F	
HoneyDew	#F0FFF0	
HotPink	#FF69B4	
IndianRed	#CD5C5C	
Indigo	#4B0082	
Ivory	#FFFFF0	
Khaki	#F0E68C	
Lavender	#E6E6FA	
LavenderBlush	#FFF0F5	
LawnGreen	#7CFC00	
LemonChiffon	#FFFACD	
LightBlue	#ADD8E6	
LightCoral	#F08080	
LightCyan	#E0FFFF	
LightGoldenRodYellow	#FAFAD2	
LightGray	#D3D3D3	
LightGrey	#D3D3D3	
LightGreen	#90EE90	
LightPink	#FFB6C1	
LightSalmon	#FFA07A	
LightSeaGreen	#20B2AA	
LightSkyBlue	#87CEFA	
LightSlateGray	#778899	
LightSlateGrey	#778899	
LightSteelBlue	#B0C4DE	
LightYellow	#FFFFE0	

Color Name	Color HEX	Color
Lime	#00FF00	
LimeGreen	#32CD32	
Linen	#FAF0E6	
Magenta	#FF00FF	
Maroon	#800000	
MediumAquaMarine	#66CDAA	
MediumBlue	#0000CD	
MediumOrchid	#BA55D3	
MediumPurple	#9370D8	
MediumSeaGreen	#3CB371	
MediumSlateBlue	#7B68EE	
MediumSpringGreen	#00FA9A	
MediumTurquoise	#48D1CC	
MediumVioletRed	#C71585	
MidnightBlue	#191970	
MintCream	#F5FFFA	
MistyRose	#FFE4E1	
Moccasin	#FFE4B5	
NavajoWhite	#FFDEAD	
Navy	#000080	
OldLace	#FDF5E6	
Olive	#808000	
OliveDrab	#6B8E23	
Orange	#FFA500	
OrangeRed	#FF4500	
Orchid	#DA70D6	
PaleGoldenRod	#EEE8AA	
PaleGreen	#98FB98	
PaleTurquoise	#AFEEEE	
PaleVioletRed	#D87093	
PapayaWhip	#FFEFD5	
PeachPuff	#FFDAB9	
Peru	#CD853F	
Pink	#FFC0CB	
Plum	#DDA0DD	
PowderBlue	#B0E0E6	
Purple	#800080	
Red	#FF0000	
RosyBrown	#BC8F8F	
RoyalBlue	#4169E1	
SaddleBrown	#8B4513	
Salmon	#FA8072	
SandyBrown	#F4A460	
SeaGreen	#2E8B57	
SeaShell	#FFF5EE	

Color Name	Color HEX	Color
Sienna	#A0522D	
Silver	#C0C0C0	
SkyBlue	#87CEEB	
SlateBlue	#6A5ACD	
SlateGray	#708090	
SlateGrey	#708090	
Snow	#FFFAFA	
SpringGreen	#00FF7F	
SteelBlue	#4682B4	
Tan	#D2B48C	
Teal	#008080	
Thistle	#D8BFD8	
Tomato	#FF6347	
Turquoise	#40E0D0	
Violet	#EE82EE	
Wheat	#F5DEB3	
White	#FFFFFF	
WhiteSmoke	#F5F5F5	
Yellow	#FFFF00	
YellowGreen	#9ACD32	