CSS Reference

CSS Properties

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The "CSS" column indicates in which CSS version the property is defined (CSS1, CSS2, or CSS3).

Color Properties

Property	Description	CSS
color	Sets the color of text	1
opacity	Sets the opacity level for an element	3

Background and Border Properties

Property	Description	CSS
background	Sets all the background properties in one declaration	1
background-attachment	Sets whether a background image is fixed or scrolls with the rest of the page	1
background-color	Sets the background color of an element	1
background-image	Sets the background image for an element	1
background-position	Sets the starting position of a background image	1
background-repeat	Sets how a background image will be repeated	1
background-clip	Specifies the painting area of the background	3
background-origin	Specifies the positioning area of the background images	3
background-size	Specifies the size of the background images	3
border	Sets all the border properties in one declaration	1
border-bottom	Sets all the bottom border properties in one declaration	1
border-bottom-color	Sets the color of the bottom border	1
border-bottom-left-radius	Defines the shape of the border of the bottom-left corner	3
border-bottom-right-radius	Defines the shape of the border of the bottom-right corner	3
border-bottom-style	Sets the style of the bottom border	1
border-bottom-width	Sets the width of the bottom border	1
border-color	Sets the color of the four borders	1
border-image	A shorthand property for setting all the border-image-* properties	3
border-image-outset	Specifies the amount by which the border image area extends beyond the border box	3

border-image-repeat	Specifies whether the image-border should be repeated, rounded or stretched	3
border-image-slice	Specifies the inward offsets of the image-border	3
border-image-source	Specifies an image to be used as a border	3
border-image-width	Specifies the widths of the image-border	3
border-left	Sets all the left border properties in one declaration	1
border-left-color	Sets the color of the left border	1
border-left-style	Sets the style of the left border	1
border-left-width	Sets the width of the left border	1
border-radius	A shorthand property for setting all the four border-*-radius properties	3
border-right	Sets all the right border properties in one declaration	1
border-right-color	Sets the color of the right border	1
border-right-style	Sets the style of the right border	1
border-right-width	Sets the width of the right border	1
border-style	Sets the style of the four borders	1
border-top	Sets all the top border properties in one declaration	1
border-top-color	Sets the color of the top border	1
border-top-left-radius	Defines the shape of the border of the top-left corner	3
border-top-right-radius	Defines the shape of the border of the top-right corner	3
border-top-style	Sets the style of the top border	1
border-top-width	Sets the width of the top border	1
border-width	Sets the width of the four borders	1
box-decoration-break	Sets the behaviour of the background and border of an element at page-break, or, for in-line elements, at line-break.	3
box-shadow	Attaches one or more drop-shadows to the box	3

Basic Box Properties

Property	Description	CSS
bottom	Specifies the bottom position of a positioned element	2
clear	Specifies which sides of an element where other floating elements are not allowed	1
clip	Clips an absolutely positioned element	2
display	Specifies how a certain HTML element should be displayed	1
float	Specifies whether or not a box should float	1
height	Sets the height of an element	1
left	Specifies the left position of a positioned element	2
overflow	Specifies what happens if content overflows an element's box	2
overflow-x	Specifies whether or not to clip the left/right edges of the content, if it overflows the element's content area	3
overflow-y	Specifies whether or not to clip the top/bottom edges of the content, if it overflows the	3

	element's content area	
padding	Sets all the padding properties in one declaration	1
padding-bottom	Sets the bottom padding of an element	1
padding-left	Sets the left padding of an element	1
padding-right	Sets the right padding of an element	1
padding-top	Sets the top padding of an element	1
position	Specifies the type of positioning method used for an element (static, relative, absolute or fixed)	2
right	Specifies the right position of a positioned element	2
top	Specifies the top position of a positioned element	2
visibility	Specifies whether or not an element is visible	2
width	Sets the width of an element	1
vertical-align	Sets the vertical alignment of an element	1
z-index	Sets the stack order of a positioned element	2

Flexible Box Layout

Property	Description	CSS
align-content	Specifies the alignment between the lines inside a flexible container when the items do not use all available space.	3
align-items	Specifies the alignment for items inside a flexible container.	3
align-self	Specifies the alignment for selected items inside a flexible container.	3
display	Specifies how a certain HTML element should be displayed	1
flex	Specifies the length of the item, relative to the rest	3
flex-basis	Specifies the initial length of a flexible item	3
flex-direction	Specifies the direction of the flexible items	3
flex-flow	A shorthand property for the flex-direction and the flex-wrap properties	3
flex-grow	Specifies how much the item will grow relative to the rest	3
flex-shrink	Specifies how the item will shrink relative to the rest	3
flex-wrap	Specifies whether the flexible items should wrap or not	3
justify-content	Specifies the alignment between the items inside a flexible container when the items do not use all available space.	3
margin	Sets all the margin properties in one declaration	1
margin-bottom	Sets the bottom margin of an element	1
margin-left	Sets the left margin of an element	1
margin-right	Sets the right margin of an element	1
margin-top	Sets the top margin of an element	1
max-height	Sets the maximum height of an element	2
max-width	Sets the maximum width of an element	2

min-height	Sets the minimum height of an element	2
min-width	Sets the minimum width of an element	2
order	Sets the order of the flexible item, relative to the rest	3

Text Properties

Property	Description	CSS
hanging-punctuation	Specifies whether a punctuation character may be placed outside the line box	3
hyphens	Sets how to split words to improve the layout of paragraphs	3
letter-spacing	Increases or decreases the space between characters in a text	1
line-break		3
line-height	Sets the line height	1
overflow-wrap		3
tab-size	Specifies the length of the tab-character	3
text-align	Specifies the horizontal alignment of text	1
text-align-last	Describes how the last line of a block or a line right before a forced line break is aligned when text-align is "justify"	3
text-indent	Specifies the indentation of the first line in a text-block	1
text-justify	Specifies the justification method used when text-align is "justify"	3
text-transform	Controls the capitalization of text	1
white-space	Specifies how white-space inside an element is handled	1
word-break	Specifies line breaking rules for non-CJK scripts	3
word-spacing	Increases or decreases the space between words in a text	1
word-wrap	Allows long, unbreakable words to be broken and wrap to the next line	3

Text Decoration Properties

Property	Description	CSS
text-decoration	Specifies the decoration added to text	1
text-decoration-color	Specifies the color of the text-decoration	3
text-decoration-line	Specifies the type of line in a text-decoration	3
text-decoration-style	Specifies the style of the line in a text decoration	3
text-shadow	Adds shadow to text	3
text-underline-position		3

Font Properties

Property	Description	CSS
font	Sets all the font properties in one declaration	1
font-family	Specifies the font family for text	1
font-feature-setting		3

@font-feature-values		3
font-kerning		3
font-language-override		3
font-synthesis		3
font-variant-alternates		3
font-variant-caps		3
font-variant-east-asian		3
font-variant-ligatures		3
font-variant-numeric		3
font-variant-position		3
font-size	Specifies the font size of text	1
font-style	Specifies the font style for text	1
font-variant	Specifies whether or not a text should be displayed in a small-caps font	1
font-weight	Specifies the weight of a font	1
@font-face	A rule that allows websites to download and use fonts other than the "web-safe" fonts	3
font-size-adjust	Preserves the readability of text when font fallback occurs	3
font-stretch	Selects a normal, condensed, or expanded face from a font family	3

Writing Modes Properties

Property	Description	CSS
direction	Specifies the text direction/writing direction	2
text-orientation		3
text-combine-horizontal		3
unicode-bidi	Used together with the direction property to set or return whether the text should be overridden to support multiple languages in the same document	2
writing-mode		3

Table Properties

Property	Description	CSS
border-collapse	Specifies whether or not table borders should be collapsed	2
border-spacing	Specifies the distance between the borders of adjacent cells	2
caption-side	Specifies the placement of a table caption	2
empty-cells	Specifies whether or not to display borders and background on empty cells in a table	2
table-layout	Sets the layout algorithm to be used for a table	2

Lists and Counters Properties

Property	Description	CSS
counter-increment	Increments one or more counters	2

counter-reset	Creates or resets one or more counters	2
list-style	Sets all the properties for a list in one declaration	1
list-style-image	Specifies an image as the list-item marker	1
list-style-position	Specifies if the list-item markers should appear inside or outside the content flow	1
list-style-type	Specifies the type of list-item marker	1

Animation Properties

Property	Description	CSS
@keyframes	Specifies the animation	3
animation	A shorthand property for all the animation properties below, except the animation-play-state property	3
animation-delay	Specifies when the animation will start	3
animation-direction	Specifies whether or not the animation should play in reverse on alternate cycles	3
animation-duration	Specifies how many seconds or milliseconds an animation takes to complete one cycle	3
animation-fill-mode	Specifies what values are applied by the animation outside the time it is executing	3
animation-iteration-count	Specifies the number of times an animation should be played	3
animation-name	Specifies a name for the @keyframes animation	3
animation-timing-function	Specifies the speed curve of the animation	3
animation-play-state	Specifies whether the animation is running or paused	3

Transform Properties

Property	Description	CSS
backface-visibility	Defines whether or not an element should be visible when not facing the screen	3
perspective	Specifies the perspective on how 3D elements are viewed	3
perspective-origin	Specifies the bottom position of 3D elements	3
transform	Applies a 2D or 3D transformation to an element	3
transform-origin	Allows you to change the position on transformed elements	3
transform-style	Specifies how nested elements are rendered in 3D space	3

Transitions Properties

Property	Description	CSS
transition	A shorthand property for setting the four transition properties	3
transition-property	Specifies the name of the CSS property the transition effect is for	3
transition-duration	Specifies how many seconds or milliseconds a transition effect takes to complete	3
transition-timing-function	Specifies the speed curve of the transition effect	3
transition-delay	Specifies when the transition effect will start	3

Basic User Interface Properties

Property	Description	CSS
box-sizing	Allows you to define certain elements to fit an area in a certain way	3
content	Used with the :before and :after pseudo-elements, to insert generated content	2
cursor	Specifies the type of cursor to be displayed	2
icon	Provides the author the ability to style an element with an iconic equivalent	3
ime-mode		3
nav-down	Specifies where to navigate when using the arrow-down navigation key	3
nav-index	Specifies the tabbing order for an element	3
nav-left	Specifies where to navigate when using the arrow-left navigation key	3
nav-right	Specifies where to navigate when using the arrow-right navigation key	3
nav-up	Specifies where to navigate when using the arrow-up navigation key	3
outline	Sets all the outline properties in one declaration	2
outline-color	Sets the color of an outline	2
outline-offset	Offsets an outline, and draws it beyond the border edge	3
outline-style	Sets the style of an outline	2
outline-width	Sets the width of an outline	2
resize	Specifies whether or not an element is resizable by the user	3
text-overflow	Specifies what should happen when text overflows the containing element	3

Multi-column Layout Properties

Property	Description	CSS
break-after		3
break-before		3
break-inside		3
column-count	Specifies the number of columns an element should be divided into	3
column-fill	Specifies how to fill columns	3
column-gap	Specifies the gap between the columns	3
column-rule	A shorthand property for setting all the column-rule-* properties	3
column-rule-color	Specifies the color of the rule between columns	3
column-rule-style	Specifies the style of the rule between columns	3
column-rule-width	Specifies the width of the rule between columns	3
column-span	Specifies how many columns an element should span across	3
column-width	Specifies the width of the columns	3
columns	A shorthand property for setting column-width and column-count	3
widows	Sets the minimum number of lines that must be left at the top of a page when a page break occurs inside an element	2

Paged Media

Property	Description	CSS
orphans	Sets the minimum number of lines that must be left at the bottom of a page when a page break occurs inside an element	2
page-break-after	Sets the page-breaking behavior after an element	2
page-break-before	Sets the page-breaking behavior before an element	2
page-break-inside	Sets the page-breaking behavior inside an element	2

Generated Content for Paged Media

Property	Description	CSS
marks	Adds crop and/or cross marks to the document	3
quotes	Sets the type of quotation marks for embedded quotations	2

Filter Effects Properties

Property	Description	CSS
filter		3

Image Values and Replaced Content

Property	Description	CSS
image-orientation	Specifies a rotation in the right or clockwise direction that a user agent applies to an image	3
image-rendering		3
image-resolution		3
object-fit		3
object-position		3

Masking Properties

Property	Description	CSS
mask		3
mask-type		3

Speech Properties

Property	Description	CSS
mark	A shorthand property for setting the mark-before and mark-after properties	3
mark-after	Allows named markers to be attached to the audio stream	3
mark-before	Allows named markers to be attached to the audio stream	3
phonemes	Specifies a phonetic pronunciation for the text contained by the corresponding element	3
rest	A shorthand property for setting the rest-before and rest-after properties	3
rest-after	Specifies a rest or prosodic boundary to be observed after speaking an element's content	3
rest-before	Specifies a rest or prosodic boundary to be observed before speaking an element's content	3
voice-balance	Specifies the balance between left and right channels	3
voice-duration	Specifies how long it should take to render the selected element's content	3

voice-pitch	Specifies the average pitch (a frequency) of the speaking voice	3
voice-pitch-range	Specifies variation in average pitch	3
voice-rate	Controls the speaking rate	3
voice-stress	Indicates the strength of emphasis to be applied	3
voice-volume	Refers to the amplitude of the waveform output by the speech synthesises	3

Marquee Properties

Property	Description	CSS
marquee-direction	Sets the direction of the moving content	3
marquee-play-count	Sets how many times the content move	3
marquee-speed	Sets how fast the content scrolls	3
marquee-style	Sets the style of the moving content	3