
CSS Property Reference

The property reference below was taken from w3schools.com. Click on any property to get more information on that property. There will be several properties you haven't seen yet - feel free to click on them to find out more.

CSS Property Groups

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Color Properties

[color](#)

Sets the color of text

[opacity](#)

Sets the opacity level for an element

Background and Border Properties

background

Sets all the background properties in one declaration

background-attachment

Sets whether a background image is fixed or scrolls with the rest of the page

background-color

Sets the background color of an element

background-image

Sets the background image for an element

background-position

Sets the starting position of a background image

background-repeat

Sets how a background image will be repeated

background-clip

Specifies the painting area of the background

background-origin

Specifies the positioning area of the background images

background-size

Specifies the size of the background images

border

Sets all the border properties in one declaration

border-bottom

Sets all the bottom border properties in one declaration

border-bottom-color

Sets the color of the bottom border

border-bottom-left-radius

Defines the shape of the border of the bottom-left corner

border-bottom-right-radius

Defines the shape of the border of the bottom-right corner

border-bottom-style

Sets the style of the bottom border

border-bottom-width

Sets the width of the bottom border

border-color

Sets the color of the four borders

border-image

A shorthand property for setting all the border-image-* properties

border-image-outset

Specifies the amount by which the border image area extends beyond the border box

border-image-repeat

Specifies whether the image-border should be repeated, rounded or stretched

border-image-slice

Specifies the inward offsets of the image-border

border-image-source

Specifies an image to be used as a border

border-image-width

Specifies the widths of the image-border

border-left

Sets all the left border properties in one declaration

border-left-color

Sets the color of the left border

border-left-style

Sets the style of the left border

border-left-width

Sets the width of the left border

border-radius

A shorthand property for setting all the four border-*-radius properties

border-right

Sets all the right border properties in one declaration

border-right-color

Sets the color of the right border

border-right-style

Sets the style of the right border

border-right-width

Sets the width of the right border

border-style

Sets the style of the four borders

border-top

Sets all the top border properties in one declaration

border-top-color

Sets the color of the top border

border-top-left-radius

Defines the shape of the border of the top-left corner

border-top-right-radius

Defines the shape of the border of the top-right corner

border-top-style

Sets the style of the top border

border-top-width

Sets the width of the top border

border-width

Sets the width of the four borders

box-shadow

Attaches one or more drop-shadows to the box

Basic Box Properties

bottom

Specifies the bottom position of a positioned element

clear

Specifies which sides of an element where other floating elements are not allowed

clip

Clips an absolutely positioned element

display

Specifies how a certain HTML element should be displayed

float

Specifies whether or not a box should float

height

Sets the height of an element

left

Specifies the left position of a positioned element

overflow

Specifies what happens if content overflows an element's box

overflow-x

Specifies whether or not to clip the left/right edges of the content, if it overflows the element's content area

overflow-y

Specifies whether or not to clip the top/bottom edges of the content, if it overflows the element's content area

padding

Sets all the padding properties in one declaration

padding-bottom

Sets the bottom padding of an element

padding-left

Sets the left padding of an element

padding-right

Sets the right padding of an element

padding-top

Sets the top padding of an element

position

Specifies the type of positioning method used for an element (static, relative, absolute or fixed)

right

Specifies the right position of a positioned element

top

Specifies the top position of a positioned element

visibility

Specifies whether or not an element is visible

width

Sets the width of an element

vertical-align

Sets the vertical alignment of an element

z-index

Sets the stack order of a positioned element

Flexible Box Layout

align-content

Specifies the alignment between the lines inside a flexible container when the items do not use all available space.

align-items

Specifies the alignment for items inside a flexible container.

align-self

Specifies the alignment for selected items inside a flexible container.

display

Specifies how a certain HTML element should be displayed

flex

Specifies the length of the item, relative to the rest

flex-basis

Specifies the initial length of a flexible item

flex-direction

Specifies the direction of the flexible items

flex-flow

A shorthand property for the flex-direction and the flex-wrap properties

flex-grow

Specifies how much the item will grow relative to the rest

flex-shrink

Specifies how the item will shrink relative to the rest

flex-wrap

Specifies whether the flexible items should wrap or not

justify-content

Specifies the alignment between the items inside a flexible container when the items do not use all available space.

margin

Sets all the margin properties in one declaration

margin-bottom

Sets the bottom margin of an element

margin-left

Sets the left margin of an element

margin-right

Sets the right margin of an element

margin-top

Sets the top margin of an element

max-height

Sets the maximum height of an element

max-width

Sets the maximum width of an element

min-height

Sets the minimum height of an element

min-width

Sets the minimum width of an element

order

Sets the order of the flexible item, relative to the rest

Text Properties

hanging-punctuation

Specifies whether a punctuation character may be placed outside the line box

hyphens

Sets how to split words to improve the layout of paragraphs

letter-spacing

Increases or decreases the space between characters in a text

line-height

Sets the line height

tab-size

Specifies the length of the tab-character

text-align

Specifies the horizontal alignment of text

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"

text-indent

Specifies the indentation of the first line in a text-block

text-justify

Specifies the justification method used when text-align is "justify"

text-transform

Controls the capitalization of text

white-space

Specifies how white-space inside an element is handled

word-break

Specifies line breaking rules for non-CJK scripts

word-spacing

Increases or decreases the space between words in a text

word-wrap

Allows long, unbreakable words to be broken and wrap to the next line

Text Decoration Properties

text-decoration

Specifies the decoration added to text

text-decoration-color

Specifies the color of the text-decoration

text-decoration-line

Specifies the type of line in a text-decoration

text-decoration-style

Specifies the style of the line in a text decoration

text-shadow

Adds shadow to text

text-underline-position

Font Properties

font

Sets all the font properties in one declaration

font-family

Specifies the font family for text

font-size

Specifies the font size of text

font-style

Specifies the font style for text

font-variant

Specifies whether or not a text should be displayed in a small-caps font

font-weight

Specifies the weight of a font

@font-face

A rule that allows websites to download and use fonts other than the "web-safe" fonts

font-size-adjust

Preserves the readability of text when font fallback occurs

font-stretch

Selects a normal, condensed, or expanded face from a font family

Writing Modes Properties

direction

Specifies the text direction/writing direction

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

Table Properties

border-collapse

Specifies whether or not table borders should be collapsed

border-spacing

Specifies the distance between the borders of adjacent cells

caption-side

Specifies the placement of a table caption

empty-cells

Specifies whether or not to display borders and background on empty cells in a table

table-layout

Sets the layout algorithm to be used for a table

Lists and Counters Properties

counter-increment

Increments one or more counters

counter-reset

Creates or resets one or more counters

list-style

Sets all the properties for a list in one declaration

list-style-image

Specifies an image as the list-item marker

list-style-position

Specifies if the list-item markers should appear inside or outside the content flow

list-style-type

Specifies the type of list-item marker

Animation Properties

@keyframes

Specifies the animation

animation

A shorthand property for all the animation properties below, except the animation-play-state property

animation-delay

Specifies when the animation will start

animation-direction

Specifies whether or not the animation should play in reverse on alternate cycles

animation-duration

Specifies how many seconds or milliseconds an animation takes to complete one cycle

animation-fill-mode

Specifies what values are applied by the animation outside the time it is executing

animation-iteration-count

Specifies the number of times an animation should be played

animation-name

Specifies a name for the @keyframes animation

animation-timing-function

Specifies the speed curve of the animation

animation-play-state

Specifies whether the animation is running or paused

Transform Properties

backface-visibility

Defines whether or not an element should be visible when not facing the screen

perspective

Specifies the perspective on how D elements are viewed

perspective-origin

Specifies the bottom position of D elements

transform

Applies a D or D transformation to an element

transform-origin

Allows you to change the position on transformed elements

transform-style

Specifies how nested elements are rendered in D space

Transitions Properties

transition

A shorthand property for setting the four transition properties

transition-property

Specifies the name of the CSS property the transition effect is for

transition-duration

Specifies how many seconds or milliseconds a transition effect takes to complete

transition-timing-function

Specifies the speed curve of the transition effect

transition-delay

Specifies when the transition effect will start

Basic User Interface Properties

box-sizing

Allows you to define certain elements to fit an area in a certain way

content

Used with the :before and :after pseudo-elements, to insert generated content

cursor

Specifies the type of cursor to be displayed

icon

Provides the author the ability to style an element with an iconic equivalent

nav-down

Specifies where to navigate when using the arrow-down navigation key

nav-index

Specifies the tabbing order for an element

nav-left

Specifies where to navigate when using the arrow-left navigation key

nav-right

Specifies where to navigate when using the arrow-right navigation key

nav-up

Specifies where to navigate when using the arrow-up navigation key

outline

Sets all the outline properties in one declaration

outline-color

Sets the color of an outline

outline-offset

Offsets an outline, and draws it beyond the border edge

outline-style

Sets the style of an outline

outline-width

Sets the width of an outline

resize

Specifies whether or not an element is resizable by the user

text-overflow

Specifies what should happen when text overflows the containing element