The Complete Web
Developer Course

#2 CSS

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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

- Color
- Background and Borders
- Basic Box
- Flexible Box
- Text
- Text Decoration
- Fonts
- Writing Modes
- Table
- Lists and Counters
- Animation
- Transform
- Transition
- Basic User Interface
- Multi-column
- Paged Media

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

<u>transition</u>
A shorthand property for setting the four transition properties

<u>transition-property</u>
Specifies the name of the CSS property the transition effect is for

<u>transition-duration</u>
Specifies how many seconds or milliseconds a transition effect takes to complete

<u>transition-timing-function</u>
Specifies the speed curve of the transition effect

<u>transition-delay</u>
Specifies when the transition effect will start

Basic User Interface Properties

<u>box-sizing</u>
Allows you to define certain elements to fit an area in a certain way

<u>content</u>
Used with the :before and :after pseudo-elements, to insert generated content

<u>cursor</u>
Specifies the type of cursor to be displayed

<u>icon</u>
Provides the author the ability to style an element with an iconic equivalent

<u>nav-down</u>
Specifies where to navigate when using the arrow-down navigation key

<u>nav-index</u>
Specifies the tabbing order for an element

<u>nav-left</u>
Specifies where to navigate when using the arrow-left navigation key

<u>nav-right</u>
Specifies where to navigate when using the arrow-right navigation key

<u>nav-up</u>
Specifies where to navigate when using the arrow-up navigation key

<u>outline</u>
Sets all the outline properties in one declaration

<u>outline-color</u>
Sets the color of an outline

<u>outline-offset</u>
Offsets an outline, and draws it beyond the border edge

<u>outline-style</u>

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