



Building Responsive Website with HTML 5 and CSS 3 from scratch Course

## CSS References

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](#)

- Generated Content
- Filter Effects
- Image/Replaced Content
- Masking
- Speech
- Marquee

## 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

### CSS

#### 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

### **CSS**

#### 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

Property  
Description  
CSS

### @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

### Property

### 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

JazebAkram@gmail.com

### 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

JazebAkram@gmail.com