

CASCADING STYLE SHEETS (CSS)

CSS Background Properties

Property	Description	Values
background	Sets all the background properties in one declaration	<i>background-color</i> <i>background-image</i> <i>background-repeat</i> <i>background-attachment</i> <i>background-position</i>
background-attachment	Sets whether a background image is fixed or scrolls with the rest of the page	scroll fixed
background-color	Sets the background color of an element	<i>color-rgb</i> <i>color-hex</i> <i>color-name</i>
background-image	Sets the background image for an element	url(URL of the image) none
background-position	Sets the starting position of a background image	left top left center left bottom right top right center right bottom center top center center center bottom <i>x% y%</i> <i>xpos ypos</i>
background-repeat	Sets if/how a background image will be repeated	repeat repeat-x repeat-y no-repeat
background-size	Sets the width and height of the background image. The first value sets the width, the second value sets the height. If only one value is given, the second is set to "auto".	Auto number

CSS Text Properties

Property	Description	Values
<u>color</u>	Sets the color of a text	<i>color</i>
<u>direction</u>	Sets the text direction	ltr rtl
<u>letter-spacing</u>	Increase or decrease the space between characters	normal <i>length</i>
<u>text-align</u>	Aligns the text in an element	left right center justify
<u>text-decoration</u>	Adds decoration to text	none underline overline line-through blink (Netscape)
<u>text-indent</u>	Indents the first line of text in an element	<i>length</i>
<u>text-transform</u>	Controls the letters in an element	none capitalize uppercase lowercase
<u>white-space</u>	Sets how white space inside an element is handled.	normal pre nowrap
<u>word-spacing</u>	Increase or decrease the space between words	normal <i>length</i>

Note that:

Length can be expressed in one of the following units of length:

px, pt, in, cm, mm and other units.

CSS Font Properties

CSS font properties define the font family, boldness, size and the style of a text.

Property	Description	Values
<u>font</u>	Sets all the font properties in one declaration	<i>font-style</i> <i>font-weight</i> <i>font-size</i> <i>font-family</i>
<u>font-style</u>	Sets the style of the font	normal italic
<u>font-family</u>	Specifies the font family for text	<i>family-name</i>
<u>font-size</u>	Specifies the font size of text	xx-small x-small small medium large x-large xx-large smaller larger <i>length</i>
<u>font-weight</u>	Specifies the weight of a font	normal bold bolder lighter 100 200 300 400 500 600 700 800 900

More than one font family is specified in a comma-separated list:

p{ font-family: "Times New Roman", Times, serif }

CSS Lists Properties

The CSS list properties allow you to:

- Set different list item markers for ordered lists
- Set different list item markers for unordered lists
- Set an image as the list item marker

Property	Description	Values
<u>list-style</u>	Sets all the properties for a list in one declaration	<i>list-style-type</i> <i>list-style-position</i> <i>list-style-image</i>
<u>list-style-image</u>	Specifies an image as the list-item marker	URL none
<u>list-style-position</u>	Specifies if the list-item markers should appear inside or outside the content flow	inside outside
<u>list-style-type</u>	Specifies the type of list-item marker	none disc circle square decimal decimal-leading-zero armenian georgian lower-alpha upper-alpha lower-greek lower-latin upper-latin lower-roman upper-roman

CSS Border Properties

The CSS border properties allow you to specify the style and color of an element's border.

Property	Description	Values
<u>border</u>	Sets all the border properties in one declaration	<i>border-width</i> <i>border-style</i> <i>border-color</i>
<u>border-width</u>	Sets the width of the four borders	thin medium thick <i>length</i>
<u>border-style</u>	Sets the style of the four borders	none hidden dotted dashed solid double groove ridge inset outset
<u>border-color</u>	Sets the color of the four borders	<i>color_name</i> <i>hex_number</i> <i>rgb_number</i> transparent
<u>border-bottom</u>	Sets all the bottom border properties in one declaration	<i>border-bottom-width</i> <i>border-bottom-style</i> <i>border-bottom-color</i>
<u>border-bottom-color</u>	Sets the color of the bottom border	<i>border-color</i>
<u>border-bottom-style</u>	Sets the style of the bottom border	<i>border-style</i>
<u>border-bottom-width</u>	Sets the width of the bottom border	<i>border-width</i>
<u>border-left</u>	Sets all the left border properties in one declaration	<i>border-left-width</i> <i>border-left-style</i> <i>border-left-color</i>
<u>border-left-color</u>	Sets the color of the left border	<i>border-color</i>
<u>border-left-style</u>	Sets the style of the left border	<i>border-style</i>
<u>border-left-width</u>	Sets the width of the left border	<i>border-width</i>
<u>border-right</u>	Sets all the right border properties in one declaration	<i>border-right-width</i> <i>border-right-style</i> <i>border-right-color</i>

<u>border-right-color</u>	Sets the color of the right border	<i>border-color</i>
<u>border-right-style</u>	Sets the style of the right border	<i>border-style</i>
<u>border-right-width</u>	Sets the width of the right border	<i>border-width</i>
<u>border-top</u>	Sets all the top border properties in one declaration	<i>border-top-width</i> <i>border-top-style</i> <i>border-top-color</i>
<u>border-top-color</u>	Sets the color of the top border	<i>border-color</i>
<u>border-top-style</u>	Sets the style of the top border	<i>border-style</i>
<u>border-top-width</u>	Sets the width of the top border	<i>border-width</i>

If the border-style property has one value:

- **border-style: dashed;**
 - all four borders are dashed

If the border-style property has four values:

- **border-style: dotted solid double dashed;**
 - top border is dotted
 - right border is solid
 - bottom border is double
 - left border is dashed

The same note for **border-width** and **border-color**

CSS Padding Properties

The Padding properties define the space between the element border and the element content. Negative values are not allowed.

The top, right, bottom, and left padding can be changed independently using separate properties. A shorthand padding property is also created to control multiple sides at once.

Property	Description	Values
<u>padding</u>	A shorthand property for setting all the padding properties in one declaration	<i>padding-top</i> <i>padding-right</i> <i>padding-bottom</i> <i>padding-left</i>
<u>padding-bottom</u>	Sets the bottom padding of an element	<i>length</i>
<u>padding-left</u>	Sets the left padding of an element	<i>length</i>
<u>padding-right</u>	Sets the right padding of an element	<i>length</i>
<u>padding-top</u>	Sets the top padding of an element	<i>length</i>

Note:

- **padding:25px 50px 75px 100px**
 - top padding is 25px
 - right padding is 50px
 - bottom padding is 75px
 - left padding is 100px
- **padding:25px**
 - all four paddings are 25px

CSS Margin Properties

The Margin properties define the space around elements. It is possible to use negative values to overlap content.

The top, right, bottom, and left margin can be changed independently using separate properties. A shorthand margin property can also be used to change all of the margins at once.

Property	Description	Values
<u>margin</u>	A shorthand property for setting the margin properties in one declaration	<i>margin-top</i> <i>margin-right</i> <i>margin-bottom</i> <i>margin-left</i>
<u>margin-bottom</u>	Sets the bottom margin of an element	auto <i>length</i>
<u>margin-left</u>	Sets the left margin of an element	auto <i>length</i>
<u>margin-right</u>	Sets the right margin of an element	auto <i>length</i>
<u>margin-top</u>	Sets the top margin of an element	auto <i>length</i>