

## CSS Background

Property	Description
<u>background</u>	Sets all the background properties in one declaration
<u>background-attachment</u>	Sets whether a background image is fixed or scrolls with the rest of the page
<u>background-color</u>	Sets the background color of an element
<u>background-image</u>	Sets the background image for an element
<u>background-position</u>	Sets the starting position of a background image
<u>background-repeat</u>	Sets how a background image will be repeated

## CSS Text

Property	Description
<u>color</u>	Sets the color of text
<u>direction</u>	Specifies the text direction/writing direction
<u>letter-spacing</u>	Increases or decreases the space between characters in a text
<u>line-height</u>	Sets the line height
<u>text-align</u>	Specifies the horizontal alignment of text
<u>text-decoration</u>	Specifies the decoration added to text
<u>text-indent</u>	Specifies the indentation of the first line in a text-block
<u>text-shadow</u>	Specifies the shadow effect added to text
<u>text-transform</u>	Controls the capitalization of text
<u>unicode-bidi</u>	Used together with the <u>direction</u> property to set or return whether the text should be overridden to support multiple languages in the same document
<u>vertical-align</u>	Sets the vertical alignment of an element
<u>white-space</u>	Specifies how white-space inside an element is handled
<u>word-spacing</u>	Increases or decreases the space between words in a text

## CSS Font

Property	Description
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<u>font</u>	Sets all the font properties in one declaration
<u>font-family</u>	Specifies the font family for text
<u>font-size</u>	Specifies the font size of text
<u>font-style</u>	Specifies the font style for text
<u>font-variant</u>	Specifies whether or not a text should be displayed in a small-caps font
<u>font-weight</u>	Specifies the weight of a font

## CSS Links

## Styling Links

Links can be styled with any CSS property (e.g. color, font-family, background, etc.).

In addition, links can be styled differently depending on what **state** they are in.

The four links states are:

- a:link - a normal, unvisited link
- a:visited - a link the user has visited
- a:hover - a link when the user mouses over it
- a:active - a link the moment it is clicked

## CSS Lists

Property	Description
<u>list-style</u>	Sets all the properties for a list in one declaration
<u>list-style-image</u>	Specifies an image as the list-item marker
<u>list-style-position</u>	Specifies if the list-item markers should appear inside or outside the content flow
<u>list-style-type</u>	Specifies the type of list-item marker

## CSS Box Model

## The CSS Box Model

All HTML elements can be considered as boxes. In CSS, the term "box model" is used when talking about design and layout.

The CSS box model is essentially a box that wraps around HTML elements, and it consists of: margins, borders, padding, and the actual content.

The box model allows us to add a border around elements, and to define space between elements.

The image below illustrates the box model:



Explanation of the different parts:

- **Content** - The content of the box, where text and images appear
- **Padding** - Clears an area around the content. The padding is transparent
- **Border** - A border that goes around the padding and content
- **Margin** - Clears an area outside the border. The margin is transparent

CSS Border

## All CSS Border Properties

Property	Description
<u><a href="#">border</a></u>	Sets all the border properties in one declaration
<u><a href="#">border-bottom</a></u>	Sets all the bottom border properties in one declaration
<u><a href="#">border-bottom-color</a></u>	Sets the color of the bottom border
<u><a href="#">border-bottom-style</a></u>	Sets the style of the bottom border
<u><a href="#">border-bottom-width</a></u>	Sets the width of the bottom border

<u><a href="#">border-color</a></u>	Sets the color of the four borders
<u><a href="#">border-left</a></u>	Sets all the left border properties in one declaration
<u><a href="#">border-left-color</a></u>	Sets the color of the left border
<u><a href="#">border-left-style</a></u>	Sets the style of the left border
<u><a href="#">border-left-width</a></u>	Sets the width of the left border
<u><a href="#">border-right</a></u>	Sets all the right border properties in one declaration
<u><a href="#">border-right-color</a></u>	Sets the color of the right border
<u><a href="#">border-right-style</a></u>	Sets the style of the right border
<u><a href="#">border-right-width</a></u>	Sets the width of the right border
<u><a href="#">border-style</a></u>	Sets the style of the four borders
<u><a href="#">border-top</a></u>	Sets all the top border properties in one declaration
<u><a href="#">border-top-color</a></u>	Sets the color of the top border
<u><a href="#">border-top-style</a></u>	Sets the style of the top border
<u><a href="#">border-top-width</a></u>	Sets the width of the top border
<u><a href="#">border-width</a></u>	Sets the width of the four borders

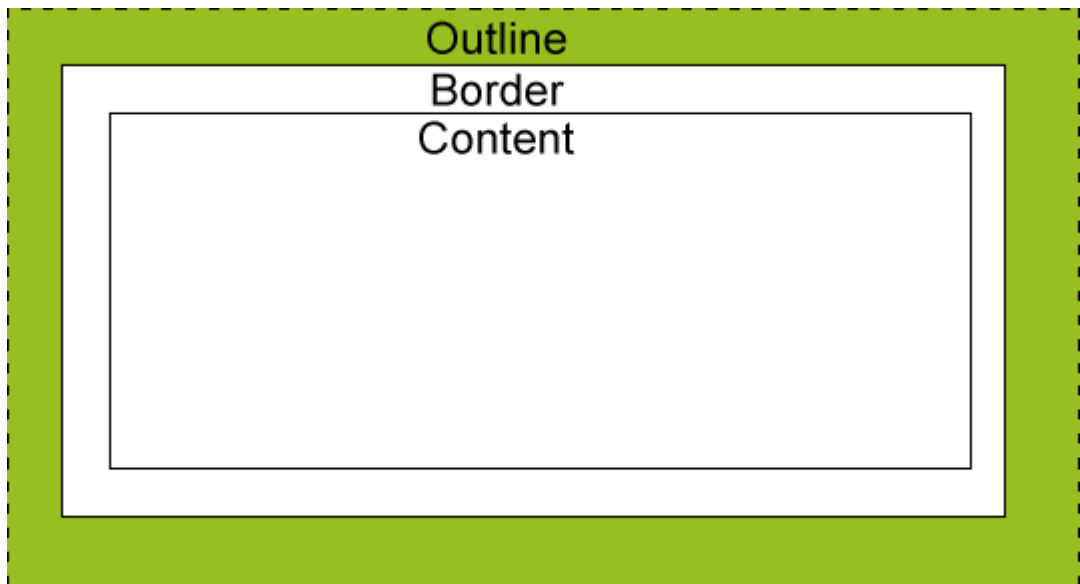
## CSS Outline

## CSS Outline

An outline is a line that is drawn around elements (outside the borders) to make the element "stand out".

However, the outline property is different from the border property.

The outline is not a part of an element's dimensions; the element's total width and height is not affected by the width of the outline.



## All CSS Outline Properties

Property	Description	Values
<u>outline</u>	Sets all the outline properties in one declaration	<i>outline-color</i> <i>outline-style</i> <i>outline-width</i> inherit
<u>outline-color</u>	Sets the color of an outline	<i>color_name</i> <i>hex_number</i> <i>rgb_number</i> invert inherit
<u>outline-style</u>	Sets the style of an outline	none dotted dashed solid double groove ridge inset outset inherit
<u>outline-width</u>	Sets the width of an outline	thin medium

		thick <i>length</i> inherit
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CSS Margin

All CSS Margin Properties

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

Possible Values

Value	Description
auto	The browser calculates a margin
<i>length</i>	Specifies a margin in px, pt, cm, etc. Default value is 0px
%	Specifies a margin in percent of the width of the containing element
inherit	Specifies that the margin should be inherited from the parent element

CSS Padding

All CSS Padding Properties

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

<u>padding-top</u>	Sets the top padding of an element
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## Possible Values

Value	Description
<i>length</i>	Defines a fixed padding (in pixels, pt, em, etc.)
<i>%</i>	Defines a padding in % of the containing element