**CSS (Cascading Style Sheets)**

**Syntax:**

span{display: block; color:red;}

**How to:**

* External style sheet <link rel="stylesheet" type="text/css" href="mystyle.css">
* @import "navigation.css"; or @import url("navigation.css");
* Internal style sheet <head><style></style></head>
* Inline style <h1 style="color:blue;margin-left:30px;">This is a heading</h1>

**Selectors**

Her zaman dıştan içe, parent’a ulaşamıyoruz!

|  |  |  |
| --- | --- | --- |
| .class | .intro | Selects all elements with class="intro" |
| #id | #firstname | Selects the element with id="firstname" |
| \* | \* | Selects all elements |
| element | p | Selects all <p> elements |
| element,element | div, p | Selects all <div> elements and all <p> elements |
| element element | div p | Selects all <p> elements inside <div> elements |
| element>element | div > p | Selects all <p> elements where the parent is a <div> element |
| [attribute] | [target] | Selects all elements with a target attribute |
| [attribute=value] | [target=\_blank] | Selects all elements with target="\_blank" |
| [attribute\*=value] | a[href\*="w3schools"] | Selects every <a> element whose href attribute value contains the substring "w3schools" |
| [:nth-child(n)](https://www.w3schools.com/cssref/sel_nth-child.asp) | p:nth-child(2) | Selects every <p> element that is the second child of its parent |
| :first-child | p:first-child | Selects every <p> element that is the first child of its parent |
| :last-child | p:last-child | Selects every <p> element that is the last child of its parent |
| :not(selector) | :not(p) | Selects every element that is not a <p> element |
| :empty | p:empty | Selects every <p> element that has no children (including text nodes) |
| ::after | p::after | Insert something after the content of each <p> element |
| ::before | p::before | Insert something before the content of each <p> element |
| :active | a:active | Selects the active link |
| :hover | a:hover | Selects links on mouse over |

**CSS Height and Width:**

Width, height, min-width, min-height, max-width, max-height

**Colors:**

HTML supports [140 standard color names](https://www.w3schools.com/colors/colors_names.asp).

HEX , RGB, RGBA

Developer tools colorpicker.

**CSS background properties:**

* background-color
* background-image background-image: url("paper.gif");
* background-repeat repeat-x
* background-attachment fixed;
* background-position right top / 20px 10px
  + background: url(img\_flwr.gif) right bottom no-repeat, url(paper.gif) left top repeat;

background: url(img1.PNG) no-repeat left center, url(img1.PNG) no-repeat right center, lightgreen;

**CSS Box Model:**

**Border Style:**

* border-width
* border-style (required)
* border-color

border-radius: 15px 50px 30px 5px;

box-sizing: border-box;

**CSS Margins:**

* margin-top px /%
* margin-right
* margin-bottom
* margin-left
* margin: auto; horizontally center **block** element

**CSS Padding:**

* padding-top
* padding-right
* padding-bottom
* padding-left

**CSS Text:**

* color: blue;
* text-align: center / left / right / justify;
* text-decoration: overline / line-through / underline / none;
* text-transform: uppercase / lowercase / capitalize;
* text-indent: 50px;
* letter-spacing: -+ 3px; harfler arasındaki boşluk
* word-spacing: -+ 10px; kelimeler arasındaki boşluk
* line-height: 1.8 / px;
* direction: rtl;
* text-shadow: 3px 2px 3px red; x y blur
* text-shadow: 3px 2px 3px red, 3px 2px 3px blue;

**CSS Fonts:**

font-family: "Times New Roman", Times, serif;

serif : Times New Roman / Georgia

Sans-serif: Arial / Verdana

Monospace : Courier New / Lucida Console

font-style: normal / italic / oblique;

font-size: 2.5em; /\* 40px/16=2.5em \*/ default 10 (16px=1em).

font-weight: normal / bold;

**Display:**

display: block / inline / inline-block / none;

Inline elements:

1. respect left & right margins and padding, but **not** top & bottom

**2. cannot** have a width and height set

3. allow other elements to sit to their left and right.

Block elements:

1. respect all of those

2. force a line break after the block element

Inline-block elements:

1. allow other elements to sit to their left and right

2. respect top & bottom margins and padding

3. respect height and width

visibility: hidden;

opacity: 1- 0;

**Position:**

• static HTML elements are positioned static by default.

Static positioned elements are not affected by the top, bottom, left, and right properties.

An element with position: static; is not positioned in any special way; it is always positioned according to the normal flow of the page:

• relative  top, right, bottom, and left properties of a relatively-positioned

• fixed :  relative to the viewport, The top, right, bottom, and left properties are used to position

• absolute

• sticky : depending on the scroll position.

**z-index:**

**CSS Overflow:**

• visible - Default. The overflow is not clipped. It renders outside the element's box

• hidden - The overflow is clipped, and the rest of the content will be invisible

• scroll - The overflow is clipped, but a scrollbar is added to see the rest of the content

• auto - If overflow is clipped, a scrollbar should be added to see the rest of the content

**Float:**

• left - The element floats to the left of its container

• right- The element floats to the right of its container

• none - The element does not float (will be displayed just where it occurs in the text). This is default

• inherit - The element inherits the float value of its parent

**Box-shadow:**

box-shadow: 10px 10px 5px 1px grey; x y blur spread color

box-shadow: inset 10px 10px 5px 1px grey; x y blur spread color

multiple olabilir

**Flexbox:**

**Parent Elements**

• [flex-direction](https://www.w3schools.com/css/css3_flexbox.asp#flex-direction) : row, column, row-reverse, column-reverse

• [flex-wrap](https://www.w3schools.com/css/css3_flexbox.asp#flex-wrap): no wrap, wrap, wrap-reverse

• [flex-flow](https://www.w3schools.com/css/css3_flexbox.asp#flex-flow) :The flex-flow property is a shorthand property for setting both the flex-direction and flex-wrap properties.

• [justify-content](https://www.w3schools.com/css/css3_flexbox.asp#justify-content) :(horizontal)center

• [align-items](https://www.w3schools.com/css/css3_flexbox.asp#align-items) : (verticale) center, stretch default, **baseline font ile ilgili**

• [align-content](https://www.w3schools.com/css/css3_flexbox.asp#align-content) multiline content için

**Perfect Centering:**

**justify-content: center;**

**align-items: center;**

**Child Elements:**

• [order](https://www.w3schools.com/css/css3_flexbox.asp#order)

• [flex-grow](https://www.w3schools.com/css/css3_flexbox.asp#flex-grow)

<div style="flex-grow: 1">1</div>

   <div style="flex-grow: 1">2</div>

   <div style="flex-grow: 8">3</div>

• [flex-shrink](https://www.w3schools.com/css/css3_flexbox.asp#flex-shrink) grow un tersi

• [align-self](https://www.w3schools.com/css/css3_flexbox.asp#align-self)

<!DOCTYPE html>

<html>

<head>

<style>

ul {

list-style-type: none;

margin: 0;

padding: 0;

overflow: hidden;

background-color: #333;

}

li {

float: left;

}

li span, .dropbtn {

display: inline-block;

color: white;

text-align: center;

padding: 14px 16px;

text-decoration: none;

}

li span:hover, .dropdown:hover .dropbtn {

background-color: red;

}

li.dropdown {

display: inline-block;

}

.dropdown-content {

display: none;

position: absolute;

background-color: #f9f9f9;

min-width: 160px;

box-shadow: 0px 8px 16px 0px rgba(0,0,0,0.2);

z-index: 1;

}

.dropdown-content span {

color: black;

padding: 12px 16px;

display: block;

text-align: left;

}

.dropdown-content span:hover {background-color: #f1f1f1}

.dropdown:hover .dropdown-content {

display: block;

}

</style>

</head>

<body>

<ul>

<li><span>Home</span></li>

<li><span>News</span></li>

<li class="dropdown">

<span class="dropbtn">Dropdown</span>

<div class="dropdown-content">

<span>Link 1</span>

<span>Link 2</span>

<span>Link 3</span>

</div>

</li>

</ul>

</body>

</html>