**The Dark Art of Centering Elements with CSS**

**Margin:**

Margin: top right bottom left;

**Margin**

<https://developer.mozilla.org/en-US/docs/Web/CSS/margin>

The **margin** [CSS](https://developer.mozilla.org/en-US/docs/Web/CSS) shorthand property sets the [margin area](https://developer.mozilla.org/en-US/docs/Web/CSS/CSS_Box_Model/Introduction_to_the_CSS_box_model#margin_area) on all four sides of an element.

## [Constituent properties](https://developer.mozilla.org/en-US/docs/Web/CSS/margin#constituent_properties)

This property is a shorthand for the following CSS properties:

* [margin-top](https://developer.mozilla.org/en-US/docs/Web/CSS/margin-top)
* [margin-right](https://developer.mozilla.org/en-US/docs/Web/CSS/margin-right)
* [margin-bottom](https://developer.mozilla.org/en-US/docs/Web/CSS/margin-bottom)
* [margin-left](https://developer.mozilla.org/en-US/docs/Web/CSS/margin-left)

## [Syntax](https://developer.mozilla.org/en-US/docs/Web/CSS/margin#syntax)

/\* Apply to all four sides \*/

margin: 1em;

margin: -3px;

/\* vertical | horizontal \*/

margin: 5% auto;

/\* top | horizontal | bottom \*/

margin: 1em auto 2em;

/\* top | right | bottom | left \*/

margin: 2px 1em 0 auto;

/\* Global values \*/

margin: inherit;

margin: initial;

margin: revert;

margin: revert-layer;

margin: unset;

Copy to Clipboard

The margin property may be specified using one, two, three, or four values. Each value is a [<length>](https://developer.mozilla.org/en-US/docs/Web/CSS/length), a [<percentage>](https://developer.mozilla.org/en-US/docs/Web/CSS/percentage), or the keyword auto. Negative values draw the element closer to its neighbors than it would be by default.

* When **one** value is specified, it applies the same margin to **all four sides**.
* When **two** values are specified, the first margin applies to the **top and bottom**, the second to the **left and right**.
* When **three** values are specified, the first margin applies to the **top**, the second to the **right and left**, the third to the **bottom**.
* When **four** values are specified, the margins apply to the **top**, **right**, **bottom**, and **left** in that order (clockwise).

**Code:**

**Index7.html:**

<!DOCTYPE html>

<html lang="en" dir="ltr">

<head>

<meta charset="utf-8">

<title>Muhammad Ahmad</title>

<link rel="stylesheet" href="css/styles7.css">

<link rel="icon" href="favicon1.ico">

</head>

<body>

<div class="top-container">

<img class="top-cloud" src="D:\University\Web Notes\Web Development Codes\CSS\CSS-My Site\cloud2.png" alt="cloud-image">

<h1>I'm Muhammad Ahmad.</h1>

<p>a <span class="pro">web</span>-designer.</p>

<img class="bottom-cloud" src="D:\University\Web Notes\Web Development Codes\CSS\CSS-My Site\cloud2.png" alt="cloud-image">

<img src="D:\University\Web Notes\Web Development Codes\CSS\CSS-My Site\mountain.png" alt="mountain-image">

</div>

<div class="middle-container">

</div>

<div class="bottom-container">

</div>

</body>

</html>

**Styles7.css:**

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* TAG SELECTORS \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

body{

background-color: #E4F9F9;

margin: 0;

text-align:center;

}

h1{

margin-top: 0;

/\* width: 10%;\*/

/\* margin: 0 auto 0 auto; \*/ /\* Margin: top=0 right=auto bottom=0 left=auto; It's other method to write same thing is that\*/

/\*margin: 0 auto; \*/

}

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* CLASS SELECTORS \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

.top-cloud{

position: absolute;

right: 300px;

top: 50px;

}

.top-container{

background-color: #E4F9F5;

position: relative;

padding-top: 100px;

}

.middle-container{

background-color: red;

width: 200px;

height: 200px;

}

.bottom-container{

background-color: blue;

width: 200px;

height: 200px;

}

.pro{

text-decoration: underline;

}

.bottom-cloud{

position: absolute;

left:300px;

bottom: 250px;

}