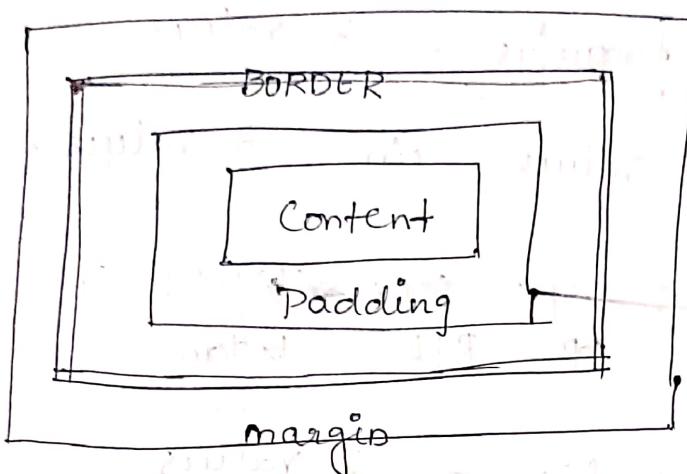


Box MODEL

CSS Box model is a container that contains borders, margins, padding and the content itself. It is used to create designs and layout of web pages.



→ Content Area :-

This area consists of Content like text, image etc. or any other media content.

→ Padding Area :-

This area includes elements padding. This area is the space around the content and border of the box.

→ Border Area :-

This is the area between box & padding & margin.

→ Margin Area :- This area is

Space between border padding & margin and border.

CSS- MARGINS

CSS margins are used to create space around the element. we can set different

Sizes of margins like
(top, right, bottom, left)

Using Individual properties :-

div {

margin-top: 100px;

margin-bottom: 100px;

margin-right: 150px;

margin-left: 80px;

border: 1px solid black

background-color: light blue;

}

<body> <h2> individual margin properties </h2>

<div> lorem </div>

</body>

Shorthand property - all the 4 margin values

* div { background-color: light blue;

border: 1px solid black;

margin: 25px 50px 75px 100px;

top right bottom left

top right bottom left

Shorthand property - 2 values top & bottom right & left

P

{ margin: 25px 50px;

top bottom right left

Shorthand property - 1 value:

all the 4 values in 1 margin
and one single value.

```
P {  
    margin: 25px;  
}
```

CSS PADDING → Space between Content/borders.

CSS padding are used to create space around the Element, inside any defined borders. we can set different padding for individual sides (top, bottom, right, left).

→ Padding creates extra space within Element,
margin creates extra space around an Element.

Individual Values for all padding properties:

```
<style>  
div {
```

padding-top: 50px;
padding-right: 30px;
padding-bottom: 50px;
padding-left: 80px;

border: 1px solid black;
background-color: pink;

```
</style>
```

```
<body>
```

```
<div>
```

top padding, bottom padding, right padding
left padding

```
</body>
```

Shorthand properties - 4 values.

all the 4 padding values in one div {

padding : 25px 50px 75px 100px ;
top right bottom left.

Shorthand properties - 3 values

all the 4 values in 3 values .

div { padding : 25px 50px 75px ;
top R/L bottom

Shorthand properties - 2 values

4 values in 2 values .

div { padding : 25px 50px
Top/bottom right/left

Shorthand properties - 1 value

4 values in 1 values .

div

{
div padding : 25px ;
}

All the four padding values will be 25px .

BORDER

CSS Border properties will allow the user to set style, width, color for an tag or element.

→ color is done

CSS Border style

Border-style property defines what type of border to display.

- 1) dotted
- 2) dashed
- 3) solid
- 4) double
- 5) groove
- 6) none
- 7) hidden
- 8) mixed border

<Style>

- dotted { border-style : dotted; }
- dashed { border-style : dashed; }
- solid { border-style : solid; }
- double { border-style : double; }
- groove { border-style : groove; }
- none { border-style : none; }
- hidden { border-style : hidden; }
- mix { border-style : dotted dashed solid double; }

<Style>

- <Body>
- <p class="dotted"> A dotted border </p>
- <p class="dashed"> A dashed border </p>
- <p class="solid"> A solid border </p>
- <p class="double"> A solid border </p>
- <p class="groove"> A groove border </p>
- <p class="none"> No border </p>
- <p class="hidden"> hidden border </p>
- <p class="mix"> A mixed border </p>

Border width

Border width should be specified along with border style. The border-width property specifies the width of a border for all the four sides.

width can be applied using pre-defined values like thin, medium, thick.

<Style>

P. one {
 border-style: solid;
 border-width: 5px;

P. Two {
 border-style: solid;
 border-width: medium;

P. three {
 border-style: dotted;
 border-width: 10px;

P. four {
 border-style: solid;
 border-width: thick;

P. five {
 border-style: double;
 border-width: thin;

```
<p class="one"> lorem </p>
```

```
<p class="Two"> lorem </p>
```

```
<p class="Three"> lorem </p>
```

```
<p class="four"> lorem </p>
```

```
<p class="five"> lorem </p>
```

Shorthand to add color, width, style
border width, border color, border style.

P. {
 border: 5px solid Red;

<Style>

div

{ width: 400px;
① padding: 40px;
border: 30px solid grey;
margin: 20px auto 35px;

<Style>

<Body>

<div> lorem </div>

.box

② { padding-top: 40px;
width: 400px;
height: 100px;
margin: 50px;
text-align: center;
font-size: 32px;
font-weight: bold;

g

<div class="box">

Hello world

Good morning

</div>