

CSS Basic Margin and Padding Code Snippet:

```
<!DOCTYPE html>
<html>

<head>
  <meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />

  <!-- The viewport is the user's visible area of a web page. -->
  <!-- The width=device-width part sets the width of the page to follow the screen-width of the device
  (which will vary depending on the device). -->
  <!-- The initial-scale=1.0 part sets the initial zoom level when the page is first loaded by the
  browser. -->
  <meta name="viewport" content="width=device-width, initial-scale=1" />

  <title>CSS Basic Margin & Padding (Box Model)</title>
  <!-- Reference: https://developer.mozilla.org/en-US/docs/Web/CSS/CSS_Box_Model/Introduction_to_the_CSS_box_model -->
  <!-- Reference: https://developer.mozilla.org/en-US/docs/Web/CSS/box-sizing */ -->
  <!-- Reference: https://www.w3schools.com/css/css_boxmodel.asp -->
  <!-- Reference: https://www.w3schools.com/css/css_margin.asp -->
  <!-- Reference: https://www.w3schools.com/css/css_padding.asp -->
</style>
/* Internal CSS */
body {
  background-color: steelblue;
}

section {
  width: 600px;
  height: auto;
  /* height will be adjusted dynamically, according to the size of its contents */
  margin: auto;
  /* margin will be adjusted dynamically, according to the size of parent container element/tag */
  background-color: forestgreen;
}

.margin-demo-1 {
  border: 1px solid red;
  margin: 25px 50px 75px 100px;
  /* top right bottom left */
  background-color: honeydew;
}

.padding-demo-1 {
  border: 4px dashed green;
  margin: 25px 50px 75px 100px;
  /* top right bottom left */
  padding: 25px 50px 75px 100px;
  /* top right bottom left */
  background-color: honeydew;
}

.box-model-1 {
  /* set how the total width and height of an element is calculated
```

```

border-box tells the browser to account for any border and padding in the values you specify
for an element's width and height.
    If you set an element's width to 100 pixels, that 100 pixels will include any border or padding
you added,
    and the content box will shrink to absorb that extra width.
    Reference: https://developer.mozilla.org/en-US/docs/Web/CSS/box-sizing */
border-box: border-box;
width: 100%;
border: solid tomato 10px;
padding: 5px;
/* shortcut for all top right bottom left */
background-color: thistle;
}

.box-model-2 {
/* content-box gives you the default CSS box-sizing behavior.
    If you set an element's width to 100 pixels, then the element's content box will be 100 pixels
wide,
    and the width of any border or padding will be added to the final rendered width, making the
element wider than 100px.
*/
border-box: content-box;
width: 100%;
border: solid tomato 10px;
/* 20px will be added to the total width of the content area, making the content area wider */
padding: 5px;
background-color: thistle;
}

.box-model-3 {
/* since no border or padding here, so no change on the content area wide */
border-box: content-box;
width: 100%;
background-color: thistle;
}
</style>
</head>

<body>
<section>
<h2>Margin, Padding and Box Model Demo</h2>
<hr>
<div class="margin-demo-1">
    This div element has a top margin of 25px, a right margin of 50px, a bottom margin of 75px, and a
left margin of
    100px.
</div>
<hr>
<div class="padding-demo-1">
    This div element has a top margin of 25px, a right margin of 50px, a bottom margin of 75px, and a
left margin of
    100px.
    Additionally, it has a top padding of 25px, a right padding of 50px, a bottom padding of 75px and a
left padding

```

```
    of 100px.  
  </div>  
  <hr>  
  <div class="box-model-1">  
    box-sizing: border-box with 10px border and 5px padding  
  </div>  
  <hr>  
  <div class="box-model-2">  
    box-sizing: content-box with 10px border and 5px padding  
  </div>  
  <hr>  
  <div class="box-model-3">  
    box-sizing: content-box with NO border and padding  
  </div>  
  <hr>  
</section>  
</body>  
</html>
```

CSS Basic Margin Padding Output

Marign, Padding and Box Model Demo

This div element has a top margin of 25px, a right margin of 50px, a bottom margin of 75px, and a left margin of 100px.

This div element has a top margin of 25px, a right margin of 50px, a bottom margin of 75px, and a left margin of 100px.
Additionally, it has a top padding of 25px, a right padding of 50px, a bottom padding of 75px and a left padding of 100px.

box-sizing: border-box with 10px border and 5px padding

box-sizing: content-box with 10px border and 5px padding

box-sizing: content-box with NO border and padding