**Padding: Definition and Usage**

An element's padding is the space between its content and its border.

The padding property is a shorthand property for:

* [padding-top](https://www.w3schools.com/cssref/pr_padding-top.php)
* [padding-right](https://www.w3schools.com/cssref/pr_padding-right.php)
* [padding-bottom](https://www.w3schools.com/cssref/pr_padding-bottom.php)
* [padding-left](https://www.w3schools.com/cssref/pr_padding-left.php)

**Note:** Padding creates extra space within an element, while margin creates extra space around an element.

This property can have from one to four values.

**If the padding property has four values:**

* padding:10px 5px 15px 20px;
  + top padding is 10px
  + right padding is 5px
  + bottom padding is 15px
  + left padding is 20px

**If the padding property has three values:**

* padding:10px 5px 15px;
  + top padding is 10px
  + right and left padding are 5px
  + bottom padding is 15px

**If the padding property has two values:**

* padding:10px 5px;
  + top and bottom padding are 10px
  + right and left padding are 5px

**If the padding property has one value:**

* padding:10px;
  + all four paddings are 10px

**Note:** Negative values are not allowed.

**The :hover selector is used to select elements when you mouse over them.**

