

Border Properties

Border

- Border is boundary of an HTML element. It can be decorated with variety of options.
- You can border style with dotted line, dashed line or simply a solid line, even many more style options are there.
- You can color element border and also control thickness of border.
- If you do not want sharp corners of the border, then you can make curve at joints.
- You can also decorate any particular side of the element.

Border Style

- It specifies what kind of border to display

```
h1
{
    border-style:solid;
}
```

- Possible values of the border-style property:
 - solid
 - dotted
 - dashed
 - double
 - groove
 - ridge
 - inset
 - outsell
 - none
 - hidden
- You can apply property to specific side of the border:
 - `border-left-style:dashed;`
 - `border-right-style:dotted;`

- `border-top-style:solid;`
- `border-bottom-style:inset;`

Border width

- You can control thickness of the border with this property

```
h1
{
    border-style:solid;
    border-width:5px;
}
```

- You can play with the value and see the change in outcome.

Border Color

- Color of the border can be set with this property

```
h1
{
    border-style:solid;
    border-width:5px;
    border-color:green;
}
```

- Color value can be given in three ways:
 - Using color name like `green`
 - Using color hex value like `#00ff10`
 - Using color rgb value like `rgb(10,100,200)`
- If border color is not set, it inherits the color of the element
- You can also specify color of each border:

```
h1
{
    border-style:solid;
    border-width:5px;
    border-top-color:red;
    border-right-color:green;
    border-bottom-color:blue;
    border-left-color:black;
}
```

- Same effect can be generated with the short hand property, mentioning values in a sequence separated by space:

```
h1
{
    border-style:solid;
    border-width:5px;
    border-color:red green blue black;
}
```

Border Radius

- To make corners curvy, use this property.

```
h1
{
    border-style:solid;
    border-width:5px;
    border-color:red green blue black;
    border-radius:15px;
}
```

Short hand property

- `border: 5px solid green;`
- Values sequence is width style color