



"CSS Border"

Border Attributes

BORDER refers to the outline or edge around an HTML element,

Border Shorthand:

- This sets the border width, style, and color for all four sides in one line.

Syntax

Border:width style color

Ex:- border: 2px solid black;

It mean:- Sets 2px **width**, solid **style**, black **color** on all sides

Output

This box has border on all sides.

Input

```
<!DOCTYPE html>
<html>
<head>

  <title>Border Shorthand</title>
  <style>
    P{
      BORDER:2PX SOLID blue
    }
  </style>
</head>
<body>
  <P>
    This box has border on all sides.
  </P>
</body>
</html>
```

Individual Border Properties:

You can control the border for each side separately:

- **border-top**: Sets the border for the top.
- **border-right**: Sets the border for the right.
- **border-bottom**: Sets the border for the bottom.
- **border-left**: Sets the border for the left

Output

This box has border on all sides.

Input

```
<!DOCTYPE html>
<html>
<head>

  <title>Border Shorthand</title>
  <style>
    P{
      border-top: 2px solid red;
      border-right: 3px dashed blue;
      border-bottom: 4px dotted green;
      border-left: 5px double yellow;
    }
  </style>
</head>
<body>
  <P>
    This box has border on all sides.
  </P>
</body>
</html>
```

Individual Border Components:

You can also set each component individually:

- **border-width**: Sets the thickness of the border.
- **border-style**: Sets the style of the border

Types of border style:-

- ❖ none
- ❖ solid
- ❖ dashed
- ❖ dotted
- ❖ double
- ❖ groove
- ❖ ridge
- ❖ inset
- ❖ outset

- **border-color**: Sets the color of the border.
- **border-radius**: Sets the curvature of an element's corners, allowing for rounded edges.

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Output

This box has border on all sides.

Input

```
<!DOCTYPE html>
<html>
<head>

  <title>Border Shorthand</title>
  <style>
    P{
      border-width: 2px;          /* Thickness of the border */
      border-style: solid;        /* Style of the border */
      border-color: blue;         /* Color of the border */
      border-radius: 10px;        /* Rounds the corners */
    }
  </style>
</head>
<body>
  <P>
    This box has border on all sides.
  </P>
</body>
</html>
```

All border attribute in one

```
<!doctype html>
```

```
<html>
```

```
<head>
```

```
<title>all border properties</title>
```

```
<style>
```

```
h2{
```

```
background-color:yellow;
```

```
border-radius:10px ;    Padding:50px;
```

```
/*different border width for top,
```

```
bottom,right, left border*/
```

```
border-top-width:10px;
```

```
border-bottom-width:20px;
```

```
border-left-width:30px;
```

```
border-right-width:40px;
```

```
/*different border style for top, bottom,right,  
left border*/
```

```
border-top-style:dashed;
```

```
border-bottom-style:dotted;
```

```
border-left-style:groove;
```

```
border-right-style:double;
```

```
/*different border color for top, bottom,right,  
left border*/
```

```
border-top-color:red;
```

```
border-bottom-color:green;
```

```
border-left-color:cyan;
```

```
border-right-color:magenta;
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<h2>this paragraph include all border  
properties.</h2>
```

```
</body>
```

```
</html>
```

Output

**this paragraph include all
border properties.**