

CSS Borders

The CSS border properties allow you to specify the style, width, and color of an element's border.

I have borders on all sides.

I have a red, bottom border.

I have rounded borders.

I have a blue, left border.

CSS Border Style

The [border-style](#) property specifies what kind of border to display.

The following values are allowed:

- dotted - Defines a dotted border
- dashed - Defines a dashed border
- solid - Defines a solid border
- double - Defines a double border
- groove - Defines a 3D grooved border. The effect depends on the border-color value
- ridge - Defines a 3D ridged border. The effect depends on the border-color value
- inset - Defines a 3D inset border. The effect depends on the border-color value
- outset - Defines a 3D outset border. The effect depends on the border-color value

- none - Defines no border
- hidden - Defines a hidden border

The border-style property can have from one to four values (for the top border, right border, bottom border, and the left border).

Example

Demonstration of the different border styles:

```
p.dotted {border-style: dotted;}
p.dashed {border-style: dashed;}
p.solid {border-style: solid;}
p.double {border-style: double;}
p.groove {border-style: groove;}
p.ridge {border-style: ridge;}
p.inset {border-style: inset;}
p.outset {border-style: outset;}
p.none {border-style: none;}
p.hidden {border-style: hidden;}
p.mix {border-style: dotted dashed solid double;}
```

CSS Border Width

The border-width property specifies the width of the four borders.

The width can be set as a specific size (in px, pt, cm, em, etc) or by using one of the three pre-defined values: thin, medium, or thick:

Example

Demonstration of the different border widths:

```
p.one {
  border-style: solid;
  border-width: 5px;
}
```

```
p.two {  
  border-style: solid;  
  border-width: medium;  
}
```

```
p.three {  
  border-style: dotted;  
  border-width: 2px;  
}
```

```
p.four {  
  border-style: dotted;  
  border-width: thick;  
}
```

Specific Side Widths

The border-width property can have from one to four values (for the top border, right border, bottom border, and the left border):

Example

```
p.one {  
  border-style: solid;  
  border-width: 5px 20px; /* 5px top and bottom, 20px on the sides */  
}
```

```
p.two {  
  border-style: solid;  
  border-width: 20px 5px; /* 20px top and bottom, 5px on the sides */  
}
```

```
p.three {  
  border-style: solid;  
  border-width: 25px 10px 4px 35px; /* 25px top, 10px right, 4px bottom and
```

```
35px left */  
}
```

CSS Border Color

The border-color property is used to set the color of the four borders.

The color can be set by:

- HEX - specify a HEX value, like "#ff0000"
- RGB - specify a RGB value, like "rgb(255,0,0)"
- HSL - specify a HSL value, like "hsl(0, 100%, 50%)"
- transparent

Example

Demonstration of the different border colors:

```
p.one {  
  border-style: solid;  
  border-color: red;  
}
```

```
p.two {  
  border-style: solid;  
  border-color: green;  
}
```

```
p.three {  
  border-style: dotted;  
  border-color: blue;  
}
```
