

# CSS Borders

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

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I have borders on all sides.

I have a red bottom border.

I have rounded borders.

I have a blue left border.

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## 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 {border-style: dotted;}
p{border-style: dashed;}
p {border-style: solid;}
p{border-style: double;}
p{border-style: groove;}
p{border-style: ridge;}
p {border-style: inset;}
p {border-style: outset;}
p {border-style: none;}
p {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{
  border-style: solid;
  border-width: 5px;
}

p{
  border-style: solid;
  border-width: medium;
}

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

```

| }

p {
|   border-style: dotted;
|   border-width: thick;

```

# CSS Border Color

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## CSS Border Color

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

The color can be set by:

- name - specify a color name, like "red"
- 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

**Note:** If **border-color** is not set, it inherits the color of the element.

## Example

Demonstration of the different border colors:

```

| p {
|   border-style: solid;
|   border-color: red;
| }

| p {
|   border-style: solid;
|   border-color: green;
| }

| p {
|   border-style: dotted;
|   border-color: blue;
| }

```