



CSS Borders



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1

Border Properties

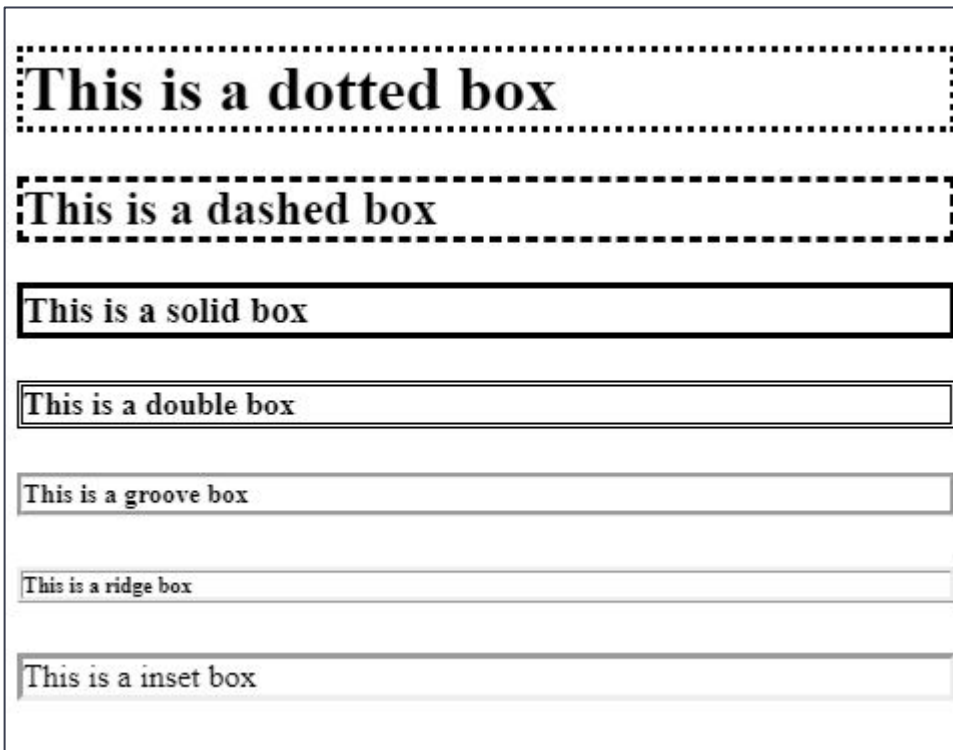




Border Properties

The CSS border properties define;

- * width,
- * the style,
- * color of an element's border.





2 Border Style





Border Style

The border styles are as follows:

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

This is a dotted box

This is a dashed box

This is a solid box

This is a double box

This is a groove box

This is a ridge box

This is an inset box

This is an outset box

This is a none box

This is a hidden box

Border Style



border-style

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

The screenshot displays a web browser's developer tools interface. The HTML pane on the left shows five paragraphs with IDs #par1 through #par5. The CSS pane on the right shows the corresponding border-style rules for each paragraph. The visual preview on the right shows the rendered boxes with their respective border styles: dotted, dashed, solid, double, and a mix of ridge, dashed, solid, and double.

```
HTML
1 <!DOCTYPE html>
2 <html>
3   <body>
4     <p id="par1">This is a dotted box</p>
5     <p id="par2">This is a dashed box</p>
6     <p id="par3">This is a solid box</p>
7     <p id="par4">This is a double box</p>
8     <p id="par5">This is a mix box</p>
9   </body>
10 </html>

CSS
1 #par1 {border-style: ridge;}
2 #par2 {border-style: dashed;}
3 #par3 {border-style: solid;}
4 #par4 {border-style: double;}
5 #par5 {border-style: ridge dashed solid double;}
```



3 Border Width

Border Width

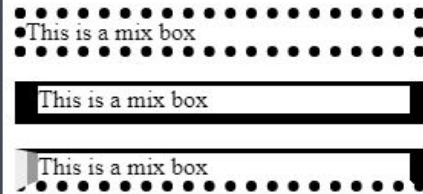


border-width

- The border-width property defines the width of the borders.
- The border-width property can have from one to four values (top border, right border, bottom border, and left border).

```
HTML
1 <!DOCTYPE html>
2 <html>
3   <body>
4     <p id="par1">This is a mix box</p>
5     <p id="par2">This is a mix box</p>
6     <p id="par3">This is a mix box</p>
7   </body>
8 </html>

CSS
1 #par1 {border-style: dotted;
2         border-width: 7px;}
3 #par2 {border-style: solid;
4         border-width: 3px 10px 7px 15px;}
5 #par3 {border-style: solid dashed dotted ridge;
6         border-width: 3px 10px 7px 15px;}
7
```





3 Border Color

Border Color



border-color

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

The screenshot displays a web browser interface. On the left, the 'HTML' and 'CSS' panels are visible. The HTML panel shows the following code:

```
<body>
  <h1>This is a dotted box</h1>
  <h2>This is a dashed box</h2>
  <h3>This is a solid box</h3>
  <h4>This is a double box</h4>
  <h5>This is a groove box</h5>
  <h6>This is a ridge box</h6>
```

The CSS panel shows the following styles:

```
h1 {
  border-style: dotted;
  border-color: blue;
}
h2 {
  border-style: dashed;
  border-color: red;
}
```

On the right, the visual rendering shows six boxes with different border styles and colors:

- This is a dotted box**: Blue dotted border.
- This is a dashed box**: Red dashed border.
- This is a solid box**: Yellow solid border.
- This is a double box**: Purple double border.
- This is a groove box**: Green groove border.
- This is a ridge box**: Green ridge border.

Below these, there is an additional box with a purple solid border, labeled "This is a inset box".



Shorthand Property

shorthand

- ◆ To shorten the code, it is also possible to specify all the individual border properties in one property.
- ◆ The border property is a shorthand property for the following individual border properties:
 - border-width
 - border-style (required)
 - border-color

border: 5px solid blue;



Border-Radius

border-radius

◆ The **border-radius** property is used to add **rounded borders** to an element

border-radius: 10px;

