

Border in CSS

The border feature in CSS allows to define the style, width and color for the border of an element.

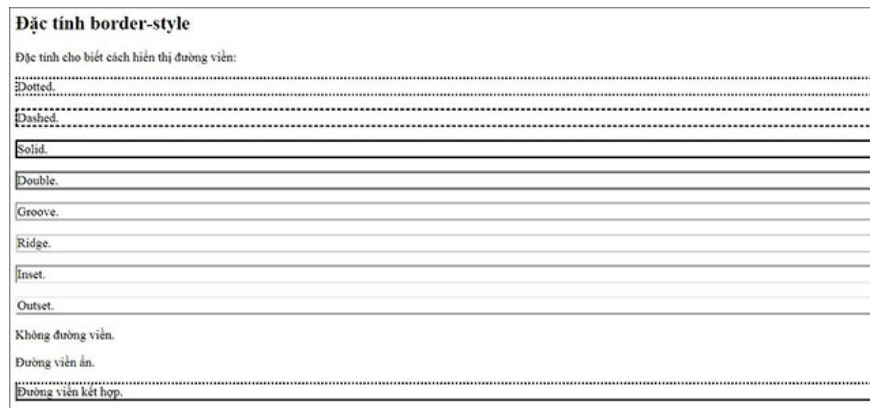
The border feature in CSS allows to define the style, width and color for the border of an element.

Style of border in CSS

The border-style specifies the border type to display. Usable values include:

1. dotted - dotted line
2. dashed - dashed line
3. solid - straight lines
4. double - double line
5. groove
6. ridge
7. inset
8. outset
9. none - no borders
10. hidden - hidden border

The border-property can have from 1 to 4 values (top, bottom, left, right)



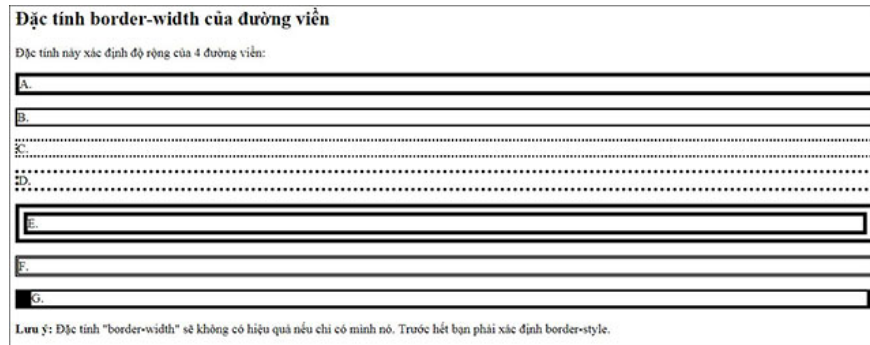
The image shows the above contour types

Note: None of the following CSS border properties will work if you haven't selected the border-style for it.

Width of the border

`border-width` properties define the width of 4 contours, which can be equal to units such as print, px, pt, cm, em . or by using 1 of 3 predefined values ??of thin (thin), medium (medium) and thick (thick).

The `border-width` can have from 1 to 4 values ??above, below, left, and right.



The border-width feature defines the width of the border

Contour colors in CSS

The `border-color` is used to select colors for 4 borders. Colors in CSS can be selected by:

1. name: Specific name like 'red' .
2. Hex: HEX value like # ff0000 .
3. RGB: RGB values ??like rgb (255, 0, 0) .
4. transparent: Transparent

The `border-color` has from 1 to 4 values ??(top, bottom, left, right) if not set, it takes the element's color.

Picture 3 of Border in CSS

Select the color for the border of the element

Border for each edge in CSS

In the examples above you can see that you can select multiple border styles for each edge, in CSS, there are also properties defined for each edge of the border (top, bottom, left, right).

```
p {  
  border-top-style: dotted;  
  border-right-style: solid;  
  border-bottom-style: dotted;  
  border-left-style: solid;  
}
```

The above code will produce the same result like this.

```
p {  
  border-style: dotted solid;  
}
```

The reason is because of how the values work in `border-style` . properties `border-style` .

If the `border-style` has 4 values:

1. `border-style: dotted solid double dashed;`
 1. upper border - dotted line
 2. right border - straight line
 3. lower border - double line
 4. left border - broken line

If the `border-style` has 3 values:

1. `border-style: dotted solid double;`
 1. upper border - dotted line
 2. left and right borders - straight lines
 3. lower border - double line

If the `border-style` has two values:

1. `border-style: dotted solid;`
 1. upper and lower border - dotted line
 2. left and right borders - straight lines

If the `border-style` has a value:

1. `border-style: dotted;`
 - o All edges are dotted lines

Selecting different border styles for the `border-style` property as shown in the above example can be applied to `border-width` and `border-color`.

Border - shortened feature

As you can see in the examples above, there are many features for contour. To simplify the code, all can be included in a single property. The `border` feature is a shortened feature for the following properties:

1. `border-width`
2. `border-style` (required)
3. `border-color`

```
p {  
  border: 5px solid red;  
}
```

It is also possible to define contour properties only for a single border edge as in the examples of the left border, the following lower border.

```
p {  
  border-left: 6px solid red;  
  background-color: lightgrey;  
}
```

```
p {  
  border-bottom: 6px solid red;  
  background-color: lightgrey;  
}
```

Rounded edge

The `border-radius` used to add a rounded border to an element.

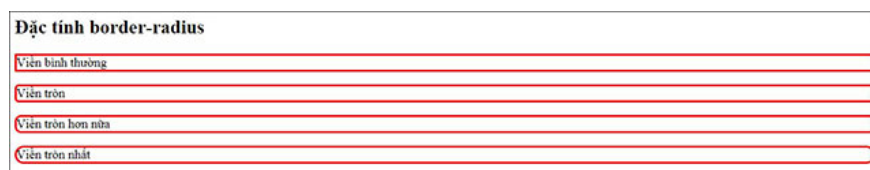
Border-radius feature

Normal border

Round border

More round edges

The most rounded edges



The image shows the circular levels of the border edge

Note: `border-radius` not supported in IE8 and earlier versions.

Last lesson: [Background in CSS](#)

The following article: [Margins in CSS](#)

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