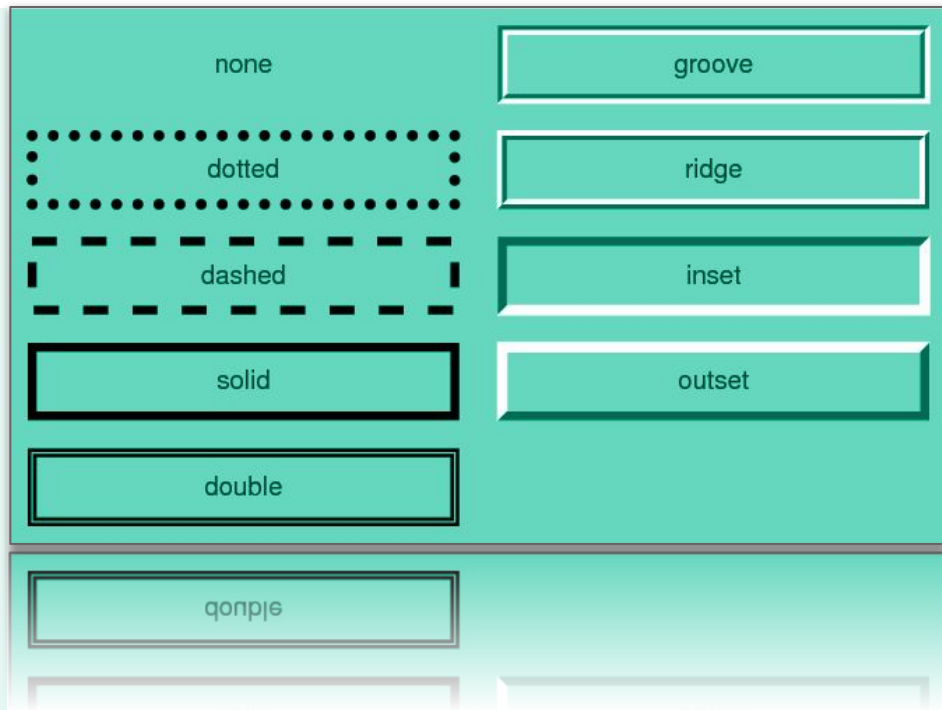


CSS Border

By Yash Sharma



The CSS border property allows to specify the border features of the element like:

- Border-style (dotted, dashed, solid...)
- Border-width (thick, medium...)
- Border-color (color of the border)
- Border-radius (to change the shape of the border and make them appear rounded)



- The border-style property is used to specify the type of border that has to be displayed for the element in the web page.
- Syntax:
border-style: dotted;

A dotted border.



We can also apply different styles for all four sides of the element.

Example:

- **border-style: dotted dashed solid double;**(top right bottom left)

Border style can also be applied individually to all sides, using the following syntax:

- **border-top-style:dotted;**
- **border-right-style:dashed;**
- **border-bottom-style:solid;**
- **border-left-style:double;**

A mixed border.




- The border-width property is used to set the width of the HTML element's border for all four sides.
- The width of the border can be specified by using
 - px values (**border-width: 5px;**)
 - predefined values (thin, medium, thick)
 - **border-width: thin;**
 - **border-width: medium;**
 - **border-width: thick;**



- The border-width property can have different number of values:

- **One value:**


- Same value is applicable for all sides of the border.
 - Example: **border-width: thick;**



A solid border.

- **Two value:**

- Different values for (top and bottom) and (left and right) sides.
 - Example: **border-width: 5px 20px;**(top and bottom left and right)



A groove border.

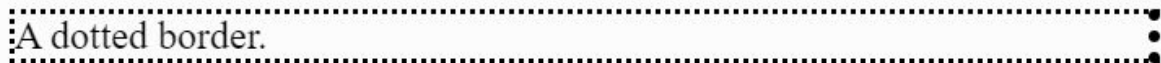
- **Four value:**

- Different values of all four sides.
- Example: **border-width: 25px 10px 4px 35px;** (top right bottom left)



- Border width can also be applied individually to all sides, using the following syntax:

- **border-right-width: 5px;**



- The border-color property is used to set color for the borders.
- The border-color can be given for all four sides of the border or specific sides of the border similar to other border properties.

- Example:

- For all four sides- **border-color: red;**

A dotted border.


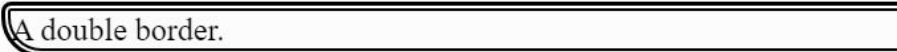
- Specific sides - **border-color: red green blue yellow;**(top right bottom left)

A dashed border.

- Individually to all sides of the border - **border-top-color: green;**

A solid border.



- The border-radius property defines the radius of the border corners.
- The border-radius property gives a round shape to the corner of the border of an element.
- The border can be specified for all four corners or separate radius for specific sides similar to other border properties of CSS.
- Example:
 - For all four sides - **border-radius: 15px;**  A solid border.
 - Specific sides - **border-radius: 5px 10px 15px 20px;**(top-left top-right bottom-right bottom-left)  A double border.
 - Individual sides - **border-bottom-right-radius: 15px;**

A solid border.

A double border.

A groove border.



HTML tables do not have borders by default, if the border is added to the table then the border will be applied to all the table cells.

table border="1"

Name		Grade
Jill	Smith	4
Eve	Jackson	7
Jill	Jackson	9
Eve	Smith	2

CSS Border

style

width

color

radius

HTML table
borders

CSS border property can also be used to apply borders in table, table header and table data cells.

table, th, td {border: 1px solid black;}

Firstname	Lastname	Age
Jill	Smith	50
Eve	Jackson	94
John	Doe	80

CSS Border

style

width

color

radius

HTML table
borders

To avoid double borders, border-collapse property can be used.

table, th, td {border: 1px solid black; border-collapse: collapse;}

Name		Grade
Jill	Smith	4
Eve	Jackson	7
Jill	Jackson	9
Eve	Smith	2

CSS Border

style

width

color

radius

HTML table
borders

The background-color property is used to set color to cells of the table.

```
th {background-color: pink;} td {background-color: skyblue;}
```

Name		Grade
Jill	Smith	4
Eve	Jackson	7
Jill	Jackson	9
Eve	Smith	2

CSS Border

style

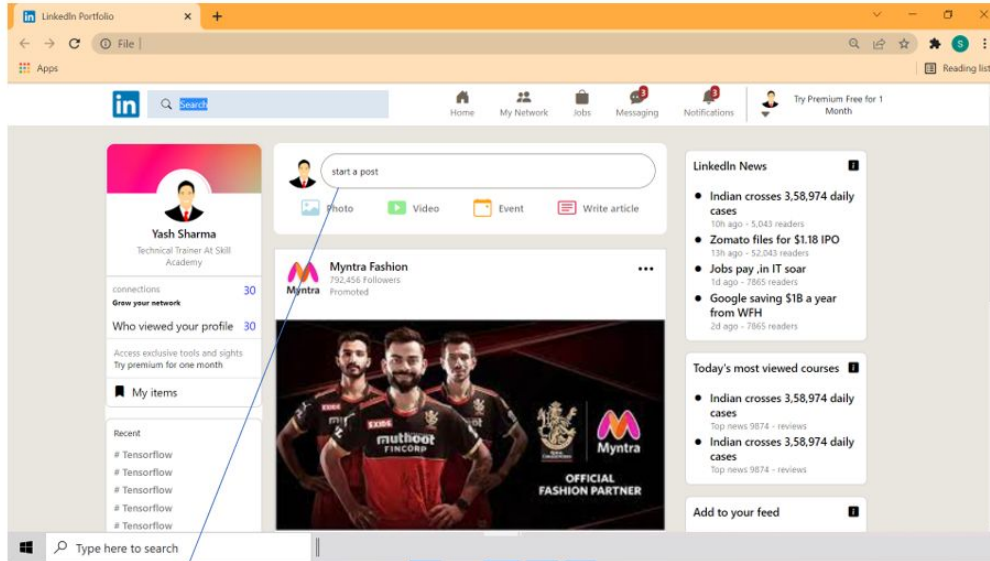
width

color

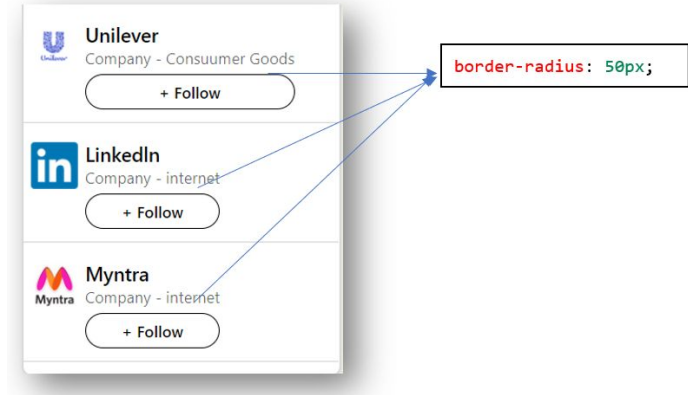
radius

HTML table
borders

Example



`border: 1px solid
#6e6558;`



CSS Border

style

width

color

radius

HTML table
borders