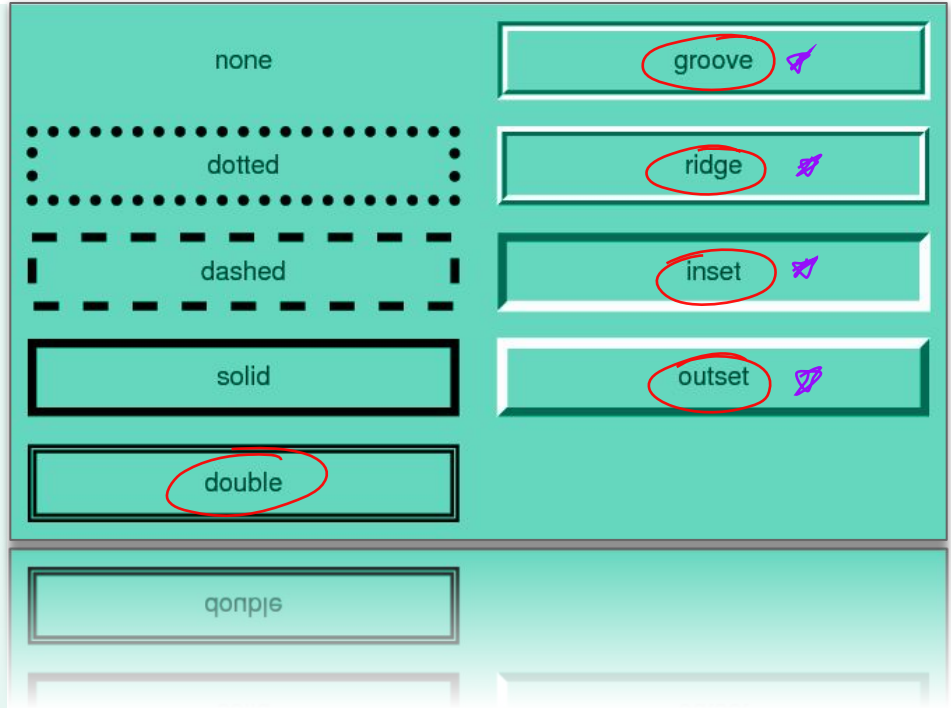



# CSS Border



# CSS Border

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)

CSS Border

style

width

color

radius

HTML table  
borders

# CSS Border-style

- 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.



# CSS Border-style

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

Example:

- **border-style:** <sup>①</sup>dotted / <sup>②</sup>dashed / <sup>③</sup>solid / <sup>④</sup>double; <sup>⑤ → none</sup> (top right bottom left)

*clockwise*

*default*

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.

⑥ Border style: top-bottom  
Left-Right  
(Only for 2 values)  
Border style: double dotted;

CSS Border

style

width

color




radius

HTML table  
borders

# CSS Border-width

- 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;** 

*Border top-width - 20px*




# CSS Border-width

- 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.

CSS Border

style

width

color

radius

HTML table  
borders

# CSS Border-width

Border-style: solid  
border-colour: orange  
border-width: 2px

(3 properties  
in one line)

border: solid 2px orange

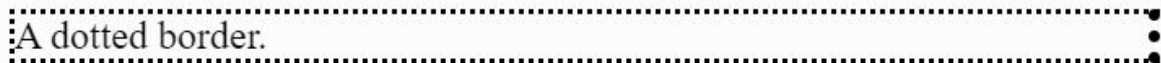
- **Four value:**

- 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;**



# CSS Border-Color

① Hex    ② rgba    ③ solid  
#ccc → grey



- 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.

clockwise





# CSS Border-Radius



a: hover { colour: #fff  
background-colour  
}

- 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;**
  - Specific sides - **border-radius: 5px 10px 15px 20px;** (top-left top-right bottom-right bottom-left)
  - Individual sides - **border-bottom-right-radius: 15px;**

A solid border.

A double border.

A groove border.

CSS Border

style

width

color

radius

HTML table  
borders

# HTML Table Borders

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"**

*result*

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

CSS Border

style

width

color

radius

**HTML table  
borders**

# 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

# HTML Table Borders

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

*Very imp property*

*\*\*\** `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

# 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

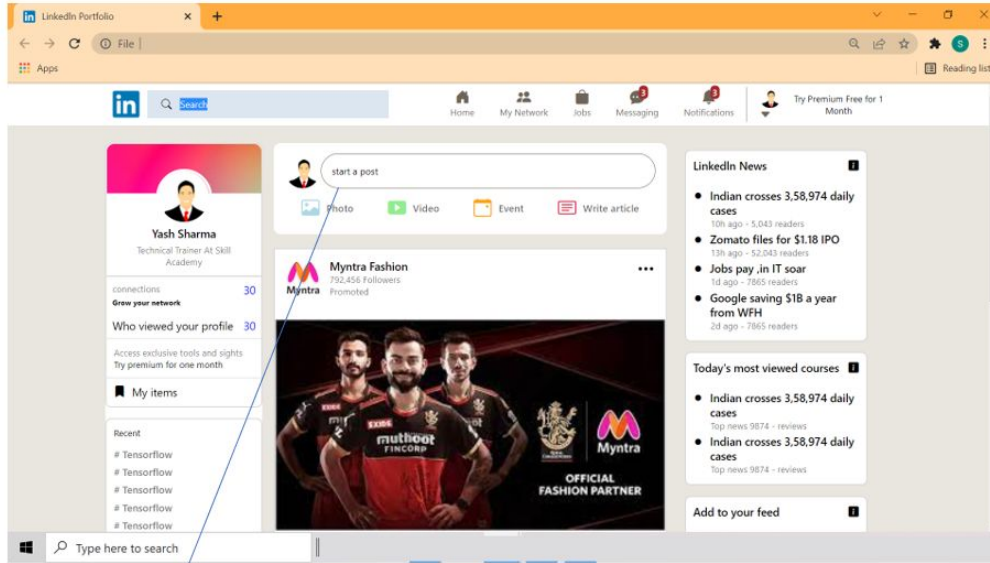
width

color

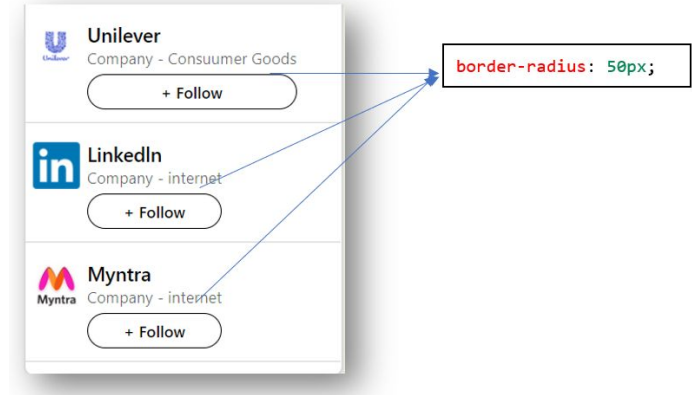
radius

HTML table  
borders

# Example



```
border: 1px solid  
#6e6558;
```



```
border-radius: 50px;
```

CSS Border

style

width

color

radius

HTML table  
borders