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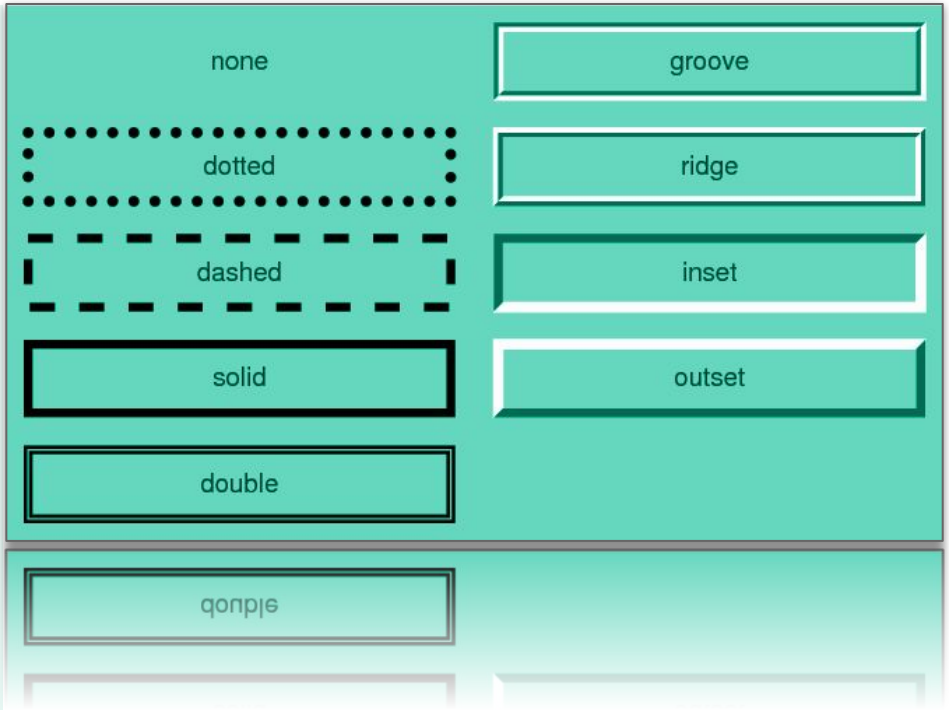
CSS Border



By Yash Sharma

CSS Border

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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

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- 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;

CSS Border-style

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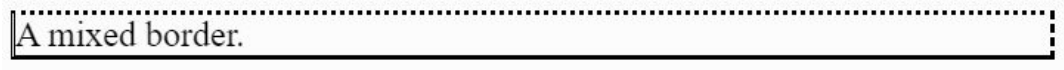
We can also apply different styles for all four sides of the element.

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;**



CSS Border-width

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- 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;**

CSS Border-width

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- 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;**

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

CSS Border-width

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- **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

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- 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.

CSS Border-Radius

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- 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;**

HTML Table Borders

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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

HTML Table Borders

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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

HTML Table Borders

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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

HTML Table Borders

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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

Example

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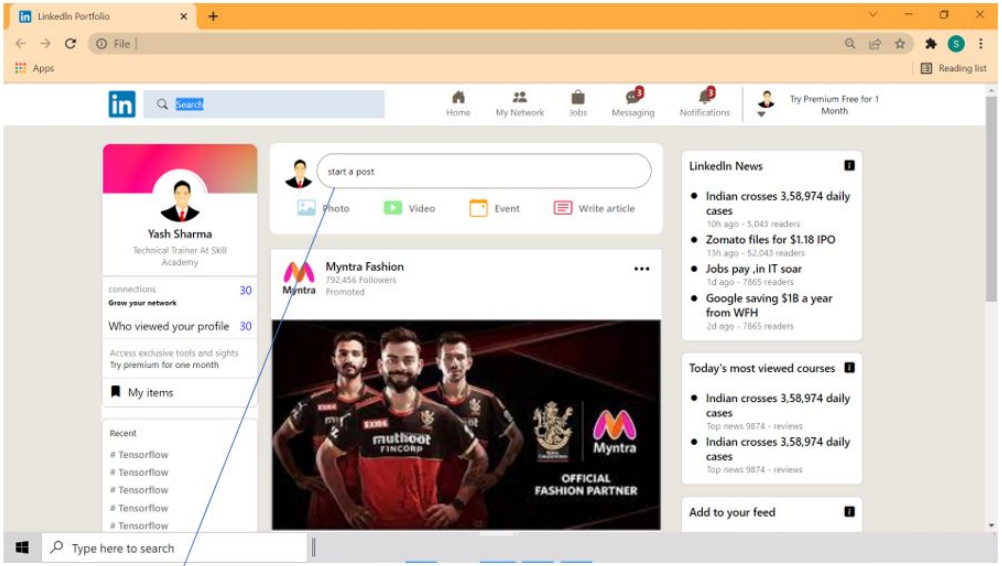

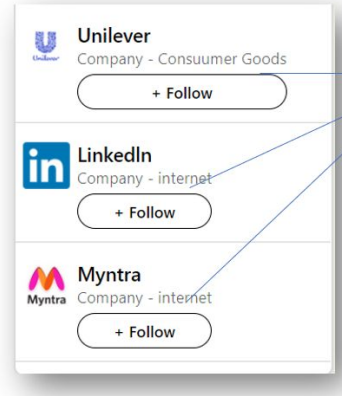


```
border-radius: 50px;
```

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

CSS Border | style | width | color | radius | HTML table borders