Borders in CSS

Overview

The border property is used to set the element's border. CSS borders allow you to specify the **style, width**, and colour of an element's border.

The border is a shorthand for border-width, border-style, and border-color written together.

The below example applies the border property to a div.

Browser :

Border Width

The border-width property specifies the width of the four borders.
The width can be set as an absolute or relative size or using one of the three predefined values: *thin, medium, or thick.*

Example :   border-width : 2px 10px 4px 20px ;

Browser :
top border -> 2px,
right border -> 10px
bottom border -> 4px
left border -> 20px.

Border Style

The border-style property specifies what kind of border to display.

The values for border-style are: *dotted, dashed, solid, double, groove, ridge, inset, outset, none, hidden.*

Example :	border-style : dotted dashed solid double;
Browser :	

dotted top border,
dashed right border,
solid bottom border
double-lined left border.

NOTE : It is necessary to add border-style property; else, no other border properties will work.
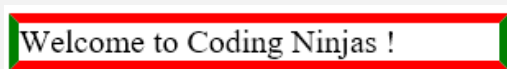
Border Color

The border-color property specifies the color of the four borders.

The value of the property is the same as that of the color property. But now you can provide different colours to different border sides.

If border-color is not set, it inherits the color of the element.

Example :	border-color: red green ;
Browser :	

top and bottom border color -> red
left and right border color -> green.

Border Individual Sides

Using the border property, we can provide width, style and color to all the borders separately, but still, we have to give some value to all the sides of the border. CSS border also have property to give border value individually to each of the border sides. The border property for the sides are:

- border-top
- border-right
- border-bottom
- border-left

This is further broken to provide style, width and color separately to the border sides. Some of them are: **border-top-style, border-right-width, border-left-color**, etc.

border Radius

The border-radius property is used to add rounded borders to an element. Values can be absolute(eg. in px) or relative(eg. in %) for this property.

Example :	border-radius : 10px;
Browser :	Welcome to Coding Ninjas !

The border-radius can be provided in the **elliptical form** as well. Therefore, you need to provide horizontal and vertical radius differently. This is done using a **slash ("/")** between horizontal and vertical radius.

Syntax :	border-radius : horizontal radius / vertical radius ;

Example :	border-radius: 30px/10px;
Browser :	Welcome to Coding Ninjas !