

## 5. border shorthand

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1. All the 3 border properties discussed above can be set using border short hand and the syntax will be:

border: style width color;

2. We can give these properties in any order but style is important

## Collapsing Border

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1. By default when we add borders to table as well as th and td then we get double borders because each cell has its own border.

2. To controls this behaviour we use a property called **border-collapse** .

3. This property has 2 possible values:

- a) separate : this is the default value and forces every cell to have a separate border.
- b) collapse : merges adjacent borders.

## Setting width and height of the table

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1. By default a table renders just wide and tall as per its content

2. However we can change this behaviour using width and height properties as shown below.

## Increasing border around border

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1. By default the cell of a table is large enough to contain its data

2. However we can increase the space inside the border and the text using **padding** property

## Aligning text in the table

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1. CSS allows us to control alignment of the content of the table either horizontally or vertically.

2. The properties used for this are **text-align** and **vertical-align**.

Possible values for text-align are **left, right or center**

and vertical-align are **top, middle or bottom**

#### Adding colors of the table

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1. We can add 3 types of colors to the table using following 3 properties:

1. border-color
2. background-color
3. color

2. Color can be supplied either using color-name or using color hex value or using **rgb()** function or using **rgba()** function.

Using hover pseudoclass with table

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1. To change the appearance of a row or column when the pointer hovers over it we can use the pseudoclass **hover**

Syntax

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**tr: hover**

{

**CSS rules**

}

**td: hover**

{

**CSS rules**

}

#### Controlling table caption using CSS

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1. Caption is title of the table given using <caption> tag.

2. By default a caption appear at the top of the table however CSS allows us to change its position as well as appearance.

3. The appearance is controlled using regular CSS properties like color, font-weight, font-size etc. but for position the property is **caption-side** whose possible values are **top** and **bottom**

#### Decorating empty-cell

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1. By default even empty-cells are rendered with border

2. However in some cases we may want to hide the empty-cells and only display cells which have data.

3. This can be achieved using the property **empty-cells** which has two possible values **show** (default), **hide**