



# CSS Padding



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# Padding Property





# Padding Property

The padding property is used to define space between the element's content and the borders. There are 4 different properties for setting the padding for each side of an element:

- \* padding-top
- \* padding-right
- \* padding-bottom
- \* padding-left



# ► Padding Property

Padding properties can have the following values:

**length:** Length of the padding is defined in px, rem, em, cm, etc.

**%:** Length of the padding in % of the width of the containing element.

**inherit:** Length of the padding is inherited from the parent.

# Padding Property



## Padding Property

- The padding property is used to define space between the element's content and the borders.

### HTML

```
1 <!DOCTYPE html>
2 <html>
3   <body>
4     <h1>Padding Property</h1>
5     <p>The example of Padding Property</p>
6   </body>
7 </html>
```

### CSS

```
1 p {
2   border: 1px solid black;
3   padding-top: 10px;
4   padding-right: 20px;
5   padding-bottom: 30px;
6   padding-left: 40px;
7   background-color: yellow;
8 }
```

## Padding Property

The example of Padding Property



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# Shorthand Property





# Shorthand Property

## 4 Padding values

- In this example, 4 padding values are used. The order of the padding values are: top padding-right padding-bottom padding-left padding.

HTML

```
1 <!DOCTYPE html>
2 <html>
3 <body>
4 <h1>Padding Property</h1>
5 <p>The example of Padding Property</p>
6 </body>
7 </html>
```

CSS

```
1 p {
2   border: 1px solid black;
3   padding: 10px 20px 30px 40px;
4   background-color: yellow;
5 }
```

### Padding Property

The example of Padding Property





# Shorthand Property

3 padding values

- In this example, 3 padding values are used. The order of the padding values are: top padding-right/left paddings-bottom padding.

```
HTML
1 <!DOCTYPE html>
2 <html>
3 <body>
4 <h1>Padding Property</h1>
5 <p>The example of Padding Property</p>
6 </body>
7 </html>

CSS
1 p {
2   border: 1px solid black;
3   padding: 10px 20px 30px;
4   background-color: yellow;
5 }
```

## Padding Property

The example of Padding Property



# Shorthand Property

2 padding values

- In this example, 2 padding values are used. The order of the padding values are:  
top/bottom paddings - right/left paddings.

```
HTML
1 <!DOCTYPE html>
2 <html>
3 <body>
4 <h1>Padding Property</h1>
5 <p>The example of Padding Property</p>
6 </body>
7 </html>

CSS
1 p {
2   border: 1px solid black;
3   padding: 20px 40px;
4   background-color: yellow;
5 }
```

## Padding Property

The example of Padding Property



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## box-sizing property





# box-sizing property

- \* The CSS width property specifies the width of the element's content area. The content area is the portion inside the padding, border, and padding of an element (the box model).
- \* If an element has a specified width, the padding added to that element will be added to the total width of the element. This is often an undesirable result.



# box-sizing property

\* In the example below, the `<div>` element is given a width of 300px. However, the actual width of the `<div>` element will be 350px (300px + 25px of left padding + 25px of right padding)

```
div {  
  width: 300px;  
  padding: 25px;  
}
```

\* To keep the width at 300px, no matter the amount of padding, you can use the `box-sizing` property. This causes the element to maintain its width; if you increase the padding, the available content space will decrease.



# box-sizing property

- \* Use the box-sizing property to keep the width at 300px, no matter the amount of padding:

```
div {  
  width: 300px;  
  padding: 25px;  
  box-sizing: border-box;  
}
```



# 4 Inherit Value





# Inherit Value

## Inherit Value

- The margin of an element can be inherited from the parent element using inherit value.

### HTML

```
1 <!DOCTYPE html>
2 <html>
3 <body>
4   <h1>Padding Property</h1>
5   <div>
6     <p>The example of Padding
7       Property</p>
8   </div>
9 </body>
10 </html>
```

### CSS

```
1 div {
2   border: 1px solid black;
3   padding: 20px;
4   background-color: yellow;
5 }
6 div p {
7   border: 1px solid black;
8   padding: inherit;
9   background-color: green;
10 }
```

### Padding Property







# THANKS!

## Any questions?

You can find me at:

- ▶ @John MS
- ▶ [john@clarusway.com](mailto:john@clarusway.com)

