



HTML

CSS







Next >

0

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CSS Pa	dding	
⟨ Previous		

This element has a padding of 70px.

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CSS Padding

The CSS padding properties are used to generate space around an element's content, inside of any defined borders.

With CSS, you have full control over the padding. There are properties for setting the padding for each side of an element (top, right, bottom, and left).

Padding - Individual Sides





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- padding-top
- padding-right
- padding-bottom
- padding-left

All the padding properties can have the following values:

- length specifies a padding in px, pt, cm, etc.
- % specifies a padding in % of the width of the containing element
- inherit specifies that the padding should be inherited from the parent element

Note: Negative values are not allowed.

Example

Set different padding for all four sides of a <div> element:

```
div {
   padding-top: 50px;
   padding-right: 30px;
   padding-bottom: 50px;
   padding-left: 80px;
}
```

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Padding - Shorthand Property

To shorten the code, it is possible to specify all the padding properties in one property.





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- padding-top
- padding-right
- padding-bottom
- padding-left

So, here is how it works:

If the padding property has four values:

- padding: 25px 50px 75px 100px;
 - top padding is 25px
 - right padding is 50px
 - bottom padding is 75px
 - left padding is 100px

Example

Use the padding shorthand property with four values:

```
div {
  padding: 25px 50px 75px 100px;
}
```

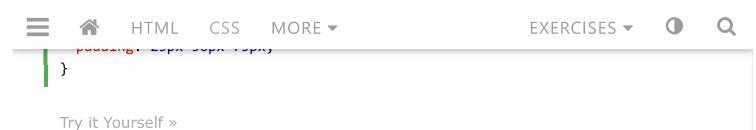
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If the padding property has three values:

- padding: 25px 50px 75px;
 - top padding is 25px
 - right and left paddings are 50px
 - bottom padding is 75px

Example

Use the padding shorthand property with three values:



If the padding property has two values:

- padding: 25px 50px;
 - top and bottom paddings are 25px
 - right and left paddings are 50px

Example

Use the padding shorthand property with two values:

```
div {
    padding: 25px 50px;
}

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```

If the padding property has one value:

- padding: 25px;
 - all four paddings are 25px

Example

Use the padding shorthand property with one value:

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

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Padding and Element Width

The CSS width property specifies the width of the element's content area. The content area is the portion inside the padding, border, and margin of an element (the box model).

So, 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.

Example

Here, 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;
}
```

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

Example

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;
```





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More Examples

Set the left padding

This example demonstrates how to set the left padding of a element.

Set the right padding

This example demonstrates how to set the right padding of a element.

Set the top padding

This example demonstrates how to set the top padding of a element.

Set the bottom padding

This example demonstrates how to set the bottom padding of a element.

Test Yourself with Exercises!

Exercise 1 » Exercise 2 » Exercise 3 »

All CSS Padding Properties

Property	Description
padding	A shorthand property for setting all the padding properties in one declaration
<u>padding-bottom</u>	Sets the bottom padding of an element
<u>padding-left</u>	Sets the left padding of an element
<u>padding-right</u>	Sets the right padding of an element
<u>padding-top</u>	Sets the top padding of an element



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0

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Dropdowns

Accordions

Side Navigation

Top Navigation

Modal Boxes

Progress Bars

Parallax

Login Form

HTML Includes

Google Maps

Range Sliders

Tooltips

Slideshow

Filter List

Sort List

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