onmouseenter Event

Previous Events Reference Next

Example

Call a function when moving the mouse pointer onto an image:

```
<img onmouseenter="bigImg(this)" src="smiley.gif" alt="Smiley">
```

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More examples below.

Description

The `onmouseenter` event occurs when the **mouse pointer enters an element**.

The `onmouseenter` event is often used together with the `onmouseleave` event, which occurs when the mouse pointer leaves an element.

The `onmouseenter` event is similar to the `onmouseover` event. The difference is that the `onmouseenter` event does not bubble (does not propagate up the document hierarchy). See "More Examples" at the bottom of this page to better understand the differences.

Mouse Events

oncontextmenu	The user right-clicks on an element
ondblclick	The user double-clicks on an element
onmousedown	A mouse button is pressed over an element
onmouseenter	The pointer is moved onto an element
onmouseleave	The pointer is moved out of an element
onmousemove	The pointer is moving over an element
onmouseout	The mouse pointer moves out of an element
onmouseover	The mouse pointer is moved over an element
onmouseup	The mouse button is released over an element

See Also:

The Mouse Event Object

Tutorial:

JavaScript Events

Syntax

In HTML:

```
<element onmouseenter="myScript">
```

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In JavaScript, using the addEventListener() method:

```
object.addEventListener("mouseenter", myScript);
```

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Technical Details

Bubbles:	No
Cancelable:	No
Event type:	MouseEvent
HTML tags:	All HTML elements, EXCEPT: <base>, <bdo>, , <head>, <html>, <iframe>, <meta>, <param>, <script>, <style>, and <title>
DOM Version:	Level 2 Events

Example

This example demonstrates the difference between the onmousemove, onmouseenter and mouseover events:

```
<div onmousemove="myMoveFunction()">
  <p id="demo1">I will demonstrate onmousemove!</p>
</div>

<div onmouseenter="myEnterFunction()">
  <p id="demo2">I will demonstrate onmouseenter!</p>
</div>

<div onmouseover="myOverFunction()">
  <p id="demo3">I will demonstrate onmouseover!</p>
</div>
```

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Browser Support

`onmouseenter` is a DOM Level 2 (2001) feature.

It is fully supported in all browsers:

Chrome	Edge	Firefox	Safari	Opera	IE
Yes	Yes	Yes	Yes	Yes	9-11

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