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# HTML DOM Events

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**DOM Events** allow JavaScript to add **event listener** or **event handlers** to HTML elements.

For a tutorial about Events, read our [\*\*JavaScript Events Tutorial\*\*](#).

## Examples

In HTML onclick is the event listener, myFunction is the event handler:

```
<button onclick="myFunction()">Click me</button>
```

In JavaScript click is the event, myFunction is the event handler:

```
button.addEventListener("click", myFunction);
```

Event	Occurs When	Belongs To
<a href="#"><u>abort</u></a>	The loading of a media is aborted	<a href="#"><u>UiEvent</u></a> , <a href="#"><u>Event</u></a>
<a href="#"><u>afterprint</u></a>	A page has started printing	<a href="#"><u>Event</u></a>
<a href="#"><u>animationend</u></a>	A CSS animation has completed	<a href="#"><u>AnimationEvent</u></a>
<a href="#"><u>animationiteration</u></a>	A CSS animation is repeated	<a href="#"><u>AnimationEvent</u></a>

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<a href="#"><u>beforeunload</u></a>	Before a document is about to be unloaded	<a href="#"><u>UiEvent</u></a> , <a href="#"><u>Event</u></a>
<a href="#"><u>blur</u></a>	An element loses focus	<a href="#"><u>FocusEvent</u></a>
<a href="#"><u>canplay</u></a>	The browser can start playing a media (has buffered enough to begin)	<a href="#"><u>Event</u></a>
<a href="#"><u>canplaythrough</u></a>	The browser can play through a media without stopping for buffering	<a href="#"><u>Event</u></a>
<a href="#"><u>change</u></a>	The content of a form element has changed	<a href="#"><u>Event</u></a>
<a href="#"><u>click</u></a>	An element is clicked on	<a href="#"><u>MouseEvent</u></a>
<a href="#"><u>contextmenu</u></a>	An element is right-clicked to open a context menu	<a href="#"><u>MouseEvent</u></a>
<a href="#"><u>copy</u></a>	The content of an element is copied	<a href="#"><u>ClipboardEvent</u></a>
<a href="#"><u>cut</u></a>	The content of an element is cut	<a href="#"><u>ClipboardEvent</u></a>
<a href="#"><u>dblclick</u></a>	An element is double-clicked	<a href="#"><u>MouseEvent</u></a>
<a href="#"><u>drag</u></a>	An element is being dragged	<a href="#"><u>DragEvent</u></a>
<a href="#"><u>dragend</u></a>	Dragging of an element has ended	<a href="#"><u>DragEvent</u></a>
<a href="#"><u>dragenter</u></a>	A dragged element enters the drop target	<a href="#"><u>DragEvent</u></a>
<a href="#"><u>dragleave</u></a>	A dragged element leaves the drop target	<a href="#"><u>DragEvent</u></a>
<a href="#"><u>dragover</u></a>	A dragged element is over the drop target	<a href="#"><u>DragEvent</u></a>
<a href="#"><u>dragstart</u></a>	Dragging of an element has started	<a href="#"><u>DragEvent</u></a>
<a href="#"><u>drop</u></a>	A dragged element is dropped on the target	<a href="#"><u>DragEvent</u></a>
<a href="#"><u>durationchange</u></a>	The duration of a media is changed	<a href="#"><u>Event</u></a>

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	a file	<a href="#">UiEvent</a> , <a href="#">Event</a>
<a href="#">focus</a>	An element gets focus	<a href="#">FocusEvent</a>
<a href="#">focusin</a>	An element is about to get focus	<a href="#">FocusEvent</a>
<a href="#">focusout</a>	An element is about to lose focus	<a href="#">FocusEvent</a>
<a href="#">fullscreenchange</a>	An element is displayed in fullscreen mode	<a href="#">Event</a>
<a href="#">fullscreenerror</a>	An element can not be displayed in fullscreen mode	<a href="#">Event</a>
<a href="#">hashchange</a>	There has been changes to the anchor part of a URL	<a href="#">HashChangeEvent</a>
<a href="#">input</a>	An element gets user input	<a href="#">InputEvent</a> , <a href="#">Event</a>
<a href="#">invalid</a>	An element is invalid	<a href="#">Event</a>
<a href="#">keydown</a>	A key is down	<a href="#">KeyboardEvent</a>
<a href="#">keypress</a>	A key is pressed	<a href="#">KeyboardEvent</a>
<a href="#">keyup</a>	A key is released	<a href="#">KeyboardEvent</a>
<a href="#">load</a>	An object has loaded	<a href="#">UiEvent</a> , <a href="#">Event</a>
<a href="#">loadeddata</a>	Media data is loaded	<a href="#">Event</a>
<a href="#">loadedmetadata</a>	Meta data (like dimensions and duration) are loaded	<a href="#">Event</a>
<a href="#">loadstart</a>	The browser starts looking for the specified media	<a href="#">ProgressEvent</a>
<a href="#">message</a>	A message is received through the event source	<a href="#">Event</a>
<a href="#">mousedown</a>	The mouse button is pressed over an element	<a href="#">MouseEvent</a>
<a href="#">mouseenter</a>	The pointer is moved onto an element	<a href="#">MouseEvent</a>

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	element	
<a href="#"><u>mouseover</u></a>	The pointer is moved onto an element	<a href="#"><u>MouseEvent</u></a>
<a href="#"><u>mouseout</u></a>	The pointer is moved out of an element	<a href="#"><u>MouseEvent</u></a>
<a href="#"><u>mouseup</u></a>	A user releases a mouse button over an element	<a href="#"><u>MouseEvent</u></a>
<a href="#"><u>mousewheel</u></a>	<b>Deprecated.</b> Use the <a href="#"><u>wheel</u></a> event instead	<a href="#"><u>WheelEvent</u></a>
<a href="#"><u>offline</u></a>	The browser starts working offline	<a href="#"><u>Event</u></a>
<a href="#"><u>online</u></a>	The browser starts working online	<a href="#"><u>Event</u></a>
<a href="#"><u>open</u></a>	A connection with the event source is opened	<a href="#"><u>Event</u></a>
<a href="#"><u>pagehide</u></a>	User navigates away from a webpage	<a href="#"><u>PageTransitionEvent</u></a>
<a href="#"><u>pageshow</u></a>	User navigates to a webpage	<a href="#"><u>PageTransitionEvent</u></a>
<a href="#"><u>paste</u></a>	Some content is pasted in an element	<a href="#"><u>ClipboardEvent</u></a>
<a href="#"><u>pause</u></a>	A media is paused	<a href="#"><u>Event</u></a>
<a href="#"><u>play</u></a>	The media has started or is no longer paused	<a href="#"><u>Event</u></a>
<a href="#"><u>playing</u></a>	The media is playing after being paused or buffered	<a href="#"><u>Event</u></a>
<a href="#"><u>popstate</u></a>	The window's history changes	<a href="#"><u>PopStateEvent</u></a>
<a href="#"><u>progress</u></a>	The browser is downloading media data	<a href="#"><u>Event</u></a>
<a href="#"><u>ratechange</u></a>	The playing speed of a media is changed	<a href="#"><u>Event</u></a>
<a href="#"><u>resize</u></a>	The document view is resized	<a href="#"><u>UiEvent</u></a> , <a href="#"><u>Event</u></a>

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<a href="#"><u>search</u></a>	Something is written in a search field	<a href="#"><u>Event</u></a>
<a href="#"><u>seeked</u></a>	Skipping to a media position is finished	<a href="#"><u>Event</u></a>
<a href="#"><u>seeking</u></a>	Skipping to a media position is started	<a href="#"><u>Event</u></a>
<a href="#"><u>select</u></a>	User selects some text	<a href="#"><u>UiEvent</u></a> , <a href="#"><u>Event</u></a>
<a href="#"><u>show</u></a>	A <menu> element is shown as a context menu	<a href="#"><u>Event</u></a>
<a href="#"><u>stalled</u></a>	The browser is trying to get unavailable media data	<a href="#"><u>Event</u></a>
<a href="#"><u>storage</u></a>	A Web Storage area is updated	<a href="#"><u>StorageEvent</u></a>
<a href="#"><u>submit</u></a>	A form is submitted	<a href="#"><u>Event</u></a>
<a href="#"><u>suspend</u></a>	The browser is intentionally not getting media data	<a href="#"><u>Event</u></a>
<a href="#"><u>timeupdate</u></a>	The playing position has changed (the user moves to a different point in the media)	<a href="#"><u>Event</u></a>
<a href="#"><u>toggle</u></a>	The user opens or closes the <details> element	<a href="#"><u>Event</u></a>
<a href="#"><u>touchcancel</u></a>	The touch is interrupted	<a href="#"><u>TouchEvent</u></a>
<a href="#"><u>touchend</u></a>	A finger is removed from a touch screen	<a href="#"><u>TouchEvent</u></a>
<a href="#"><u>touchmove</u></a>	A finger is dragged across the screen	<a href="#"><u>TouchEvent</u></a>
<a href="#"><u>touchstart</u></a>	A finger is placed on a touch screen	<a href="#"><u>TouchEvent</u></a>
<a href="#"><u>transitionend</u></a>	A CSS transition has completed	<a href="#"><u>TransitionEvent</u></a>
<a href="#"><u>unload</u></a>	A page has unloaded	<a href="#"><u>UiEvent</u></a> , <a href="#"><u>Event</u></a>
<a href="#"><u>volumechange</u></a>	The volume of a media is changed (includes muting)	<a href="#"><u>Event</u></a>

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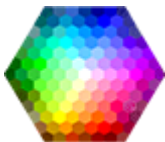
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