Mouse Events

Event Name	Triggered When...
`click`	Element is clicked
`dblclick`	Element is double-clicked
`mousedown`	Mouse button is pressed
`mouseup`	Mouse button is released
`mousemove`	Mouse is moved over element
`mouseenter`	Mouse enters the element (no bubbling)
`mouseleave`	Mouse leaves the element (no bubbling)
`mouseover`	Mouse moves over the element
`mouseout`	Mouse moves out of the element
`contextmenu`	Right-click is triggered
`wheel`	Mouse wheel is scrolled

Keyboard Events

Event Name	Triggered When...
keydown	Any key is pressed
keypress	A key that produces a character is pressed *(deprecated)*
keyup	Key is released

Form & Input Events

Event Name	Triggered When...
submit	Form is submitted
change	Value of input, select, or textarea changes
input	Value of input is changed (real-time)
focus	Element gets focus
blur	Element loses focus
focusin	Element or child gets focus (bubbles)
focusout	Element or child loses focus (bubbles)
reset	Form is reset
select	Text is selected in input/textarea
invalid	Form field fails validation

Window / Document Events

Event Name	Triggered When...
`load`	Page or resource finishes loading
`DOMContentLoaded`	DOM is fully loaded (not images/scripts)
`resize`	Window is resized
`scroll`	Window or element is scrolled
`unload`	User leaves page *(deprecated)*
`beforeunload`	Page is about to be unloaded
`error`	An error occurs loading a resource
`hashchange`	URL hash (#) changes
`popstate`	History changes (back/forward navigation)

Touch Events (for mobile devices)

Event Name	Triggered When...
touchstart	Finger touches the screen
touchend	Finger is removed from screen
touchmove	Finger is dragged
touchcancel	Touch interrupted (e.g., alert pops)

Clipboard Events

Event Name	Triggered When...
copy	User copies content
cut	User cuts content
paste	User pastes content

Drag & Drop Events

Event Name	Triggered When...
`drag`	Element is being dragged
`dragstart`	Dragging starts
`dragend`	Dragging ends
`dragenter`	Draggable enters drop zone
`dragover`	Draggable is over drop zone
`dragleave`	Draggable leaves drop zone
`drop`	Draggable is dropped in drop zone

Media Events

Event Name	Triggered When...
play	Media starts playing
pause	Media is paused
ended	Media has finished playing
volumechange	Volume is changed
timeupdate	Playback time updates
seeked	Seeking operation completes
seeking	Seeking starts
loadeddata	Media data is loaded
canplay	Browser can start playing media
waiting	Playback is waiting for data

Other Useful Events

Event Name	Triggered When...
`animationstart`	CSS animation starts
`animationend`	CSS animation ends
`transitionend`	CSS transition completes
`online`	Browser goes online
`offline`	Browser goes offline
`visibilitychange`	Document visibility changes

How to Use an Event in JavaScript / jQuery

Basic Syntax (vanilla JS):

```
element.addEventListener("click", function () {
  alert("Clicked!");
});
```

jQuery Syntax:

```
$("#myButton").click(function () {
  alert("Button clicked!");
});
```