HTML Attribute Reference

The table below lists all HTML attributes and what elements they can be used within:

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| --- | --- | --- |
| **Attribute** | **Belongs to** | **Description** |
| [accept](https://www.w3schools.com/tags/att_accept.asp) | [<input>](https://www.w3schools.com/tags/tag_input.asp) | Specifies the types of files that the server accepts (only for type="file") |
| [accept-charset](https://www.w3schools.com/tags/att_accept-charset.asp) | [<form>](https://www.w3schools.com/tags/tag_form.asp) | Specifies the character encodings that are to be used for the form submission |
| [accesskey](https://www.w3schools.com/tags/att_accesskey.asp) | [Global Attributes](https://www.w3schools.com/tags/ref_standardattributes.asp) | Specifies a shortcut key to activate/focus an element |
| [action](https://www.w3schools.com/tags/att_action.asp) | [<form>](https://www.w3schools.com/tags/tag_form.asp) | Specifies where to send the form-data when a form is submitted |
| align | Not supported in HTML 5. | Specifies the alignment according to surrounding elements. Use CSS instead |
| [alt](https://www.w3schools.com/tags/att_alt.asp) | [<area>](https://www.w3schools.com/tags/tag_area.asp), [<img>](https://www.w3schools.com/tags/tag_img.asp), [<input>](https://www.w3schools.com/tags/tag_input.asp) | Specifies an alternate text when the original element fails to display |
| [async](https://www.w3schools.com/tags/att_async.asp) | [<script>](https://www.w3schools.com/tags/tag_script.asp) | Specifies that the script is executed asynchronously (only for external scripts) |
| [autocomplete](https://www.w3schools.com/tags/att_autocomplete.asp) | [<form>](https://www.w3schools.com/tags/tag_form.asp), [<input>](https://www.w3schools.com/tags/tag_input.asp) | Specifies whether the <form> or the <input> element should have autocomplete enabled |
| [autofocus](https://www.w3schools.com/tags/att_autofocus.asp) | [<button>](https://www.w3schools.com/tags/tag_button.asp), [<input>](https://www.w3schools.com/tags/tag_input.asp), [<select>](https://www.w3schools.com/tags/tag_select.asp), [<textarea>](https://www.w3schools.com/tags/tag_textarea.asp) | Specifies that the element should automatically get focus when the page loads |
| [autoplay](https://www.w3schools.com/tags/att_autoplay.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Specifies that the audio/video will start playing as soon as it is ready |
| [charset](https://www.w3schools.com/tags/att_charset.asp) | [<meta>](https://www.w3schools.com/tags/tag_meta.asp), [<script>](https://www.w3schools.com/tags/tag_script.asp) | Specifies the character encoding |
| [checked](https://www.w3schools.com/tags/att_checked.asp) | [<input>](https://www.w3schools.com/tags/tag_input.asp) | Specifies that an <input> element should be pre-selected when the page loads (for type="checkbox" or type="radio") |
| [cite](https://www.w3schools.com/tags/att_cite.asp) | <blockquote>, [<del>](https://www.w3schools.com/tags/tag_del.asp), [<ins>](https://www.w3schools.com/tags/tag_ins.asp), <q> | Specifies a URL which explains the quote/deleted/inserted text |
| [class](https://www.w3schools.com/tags/att_class.asp) | [Global Attributes](https://www.w3schools.com/tags/ref_standardattributes.asp) | Specifies one or more classnames for an element (refers to a class in a style sheet) |
| color | Not supported in HTML 5. | Specifies the text color of an element. Use CSS instead |
| [cols](https://www.w3schools.com/tags/att_cols.asp) | [<textarea>](https://www.w3schools.com/tags/tag_textarea.asp) | Specifies the visible width of a text area |
| [colspan](https://www.w3schools.com/tags/att_colspan.asp) | [<td>](https://www.w3schools.com/tags/tag_td.asp), [<th>](https://www.w3schools.com/tags/tag_th.asp) | Specifies the number of columns a table cell should span |
| [content](https://www.w3schools.com/tags/att_content.asp) | [<meta>](https://www.w3schools.com/tags/tag_meta.asp) | Gives the value associated with the http-equiv or name attribute |
| [contenteditable](https://www.w3schools.com/tags/att_contenteditable.asp) | [Global Attributes](https://www.w3schools.com/tags/ref_standardattributes.asp) | Specifies whether the content of an element is editable or not |
| [controls](https://www.w3schools.com/tags/att_controls.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Specifies that audio/video controls should be displayed (such as a play/pause button etc) |
| [coords](https://www.w3schools.com/tags/att_coords.asp) | [<area>](https://www.w3schools.com/tags/tag_area.asp) | Specifies the coordinates of the area |
| [data](https://www.w3schools.com/tags/att_data.asp) | [<object>](https://www.w3schools.com/tags/tag_object.asp) | Specifies the URL of the resource to be used by the object |
| [data-\*](https://www.w3schools.com/tags/att_data-.asp) | [Global Attributes](https://www.w3schools.com/tags/ref_standardattributes.asp) | Used to store custom data private to the page or application |
| [datetime](https://www.w3schools.com/tags/att_datetime.asp) | [<del>](https://www.w3schools.com/tags/tag_del.asp), [<ins>](https://www.w3schools.com/tags/tag_ins.asp), [<time>](https://www.w3schools.com/tags/tag_time.asp) | Specifies the date and time |
| [default](https://www.w3schools.com/tags/att_default.asp) | [<track>](https://www.w3schools.com/tags/tag_track.asp) | Specifies that the track is to be enabled if the user's preferences do not indicate that another track would be more appropriate |
| [defer](https://www.w3schools.com/tags/att_defer.asp) | [<script>](https://www.w3schools.com/tags/tag_script.asp) | Specifies that the script is executed when the page has finished parsing (only for external scripts) |
| [dir](https://www.w3schools.com/tags/att_dir.asp) | [Global Attributes](https://www.w3schools.com/tags/ref_standardattributes.asp) | Specifies the text direction for the content in an element |
| [dirname](https://www.w3schools.com/tags/att_dirname.asp) | [<input>](https://www.w3schools.com/tags/tag_input.asp), [<textarea>](https://www.w3schools.com/tags/tag_textarea.asp) | Specifies that the text direction will be submitted |
| [disabled](https://www.w3schools.com/tags/att_disabled.asp) | [<button>](https://www.w3schools.com/tags/tag_button.asp), [<fieldset>](https://www.w3schools.com/tags/tag_fieldset.asp), [<input>](https://www.w3schools.com/tags/tag_input.asp), <optgroup>, [<option>](https://www.w3schools.com/tags/tag_option.asp), [<select>](https://www.w3schools.com/tags/tag_select.asp), [<textarea>](https://www.w3schools.com/tags/tag_textarea.asp) | Specifies that the specified element/group of elements should be disabled |
| [download](https://www.w3schools.com/tags/att_download.asp) | [<a>](https://www.w3schools.com/tags/tag_a.asp), [<area>](https://www.w3schools.com/tags/tag_area.asp) | Specifies that the target will be downloaded when a user clicks on the hyperlink |
| [draggable](https://www.w3schools.com/tags/att_draggable.asp) | [Global Attributes](https://www.w3schools.com/tags/ref_standardattributes.asp) | Specifies whether an element is draggable or not |
| [enctype](https://www.w3schools.com/tags/att_enctype.asp) | [<form>](https://www.w3schools.com/tags/tag_form.asp) | Specifies how the form-data should be encoded when submitting it to the server (only for method="post") |
| [for](https://www.w3schools.com/tags/att_for.asp) | <label>, [<output>](https://www.w3schools.com/tags/tag_output.asp) | Specifies which form element(s) a label/calculation is bound to |
| [form](https://www.w3schools.com/tags/att_form.asp) | [<button>](https://www.w3schools.com/tags/tag_button.asp), [<fieldset>](https://www.w3schools.com/tags/tag_fieldset.asp), [<input>](https://www.w3schools.com/tags/tag_input.asp), <label>, [<meter>](https://www.w3schools.com/tags/tag_meter.asp), [<object>](https://www.w3schools.com/tags/tag_object.asp), [<output>](https://www.w3schools.com/tags/tag_output.asp), [<select>](https://www.w3schools.com/tags/tag_select.asp), [<textarea>](https://www.w3schools.com/tags/tag_textarea.asp) | Specifies the name of the form the element belongs to |
| [formaction](https://www.w3schools.com/tags/att_formaction.asp) | [<button>](https://www.w3schools.com/tags/tag_button.asp), [<input>](https://www.w3schools.com/tags/tag_input.asp) | Specifies where to send the form-data when a form is submitted. Only for type="submit" |
| [headers](https://www.w3schools.com/tags/att_headers.asp) | [<td>](https://www.w3schools.com/tags/tag_td.asp), [<th>](https://www.w3schools.com/tags/tag_th.asp) | Specifies one or more headers cells a cell is related to |
| [height](https://www.w3schools.com/tags/att_height.asp) | <canvas>, [<embed>](https://www.w3schools.com/tags/tag_embed.asp), [<iframe>](https://www.w3schools.com/tags/tag_iframe.asp), [<img>](https://www.w3schools.com/tags/tag_img.asp), [<input>](https://www.w3schools.com/tags/tag_input.asp), [<object>](https://www.w3schools.com/tags/tag_object.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Specifies the height of the element |
| [hidden](https://www.w3schools.com/tags/att_hidden.asp) | [Global Attributes](https://www.w3schools.com/tags/ref_standardattributes.asp) | Specifies that an element is not yet, or is no longer, relevant |
| [high](https://www.w3schools.com/tags/att_high.asp) | [<meter>](https://www.w3schools.com/tags/tag_meter.asp) | Specifies the range that is considered to be a high value |
| [href](https://www.w3schools.com/tags/att_href.asp) | [<a>](https://www.w3schools.com/tags/tag_a.asp), [<area>](https://www.w3schools.com/tags/tag_area.asp), [<base>](https://www.w3schools.com/tags/tag_base.asp), [<link>](https://www.w3schools.com/tags/tag_link.asp) | Specifies the URL of the page the link goes to |
| [hreflang](https://www.w3schools.com/tags/att_hreflang.asp) | [<a>](https://www.w3schools.com/tags/tag_a.asp), [<area>](https://www.w3schools.com/tags/tag_area.asp), [<link>](https://www.w3schools.com/tags/tag_link.asp) | Specifies the language of the linked document |
| [http-equiv](https://www.w3schools.com/tags/att_http-equiv.asp) | [<meta>](https://www.w3schools.com/tags/tag_meta.asp) | Provides an HTTP header for the information/value of the content attribute |
| [id](https://www.w3schools.com/tags/att_id.asp) | [Global Attributes](https://www.w3schools.com/tags/ref_standardattributes.asp) | Specifies a unique id for an element |
| [ismap](https://www.w3schools.com/tags/att_ismap.asp) | [<img>](https://www.w3schools.com/tags/tag_img.asp) | Specifies an image as a server-side image map |
| [kind](https://www.w3schools.com/tags/att_kind.asp) | [<track>](https://www.w3schools.com/tags/tag_track.asp) | Specifies the kind of text track |
| [label](https://www.w3schools.com/tags/att_label.asp) | [<track>](https://www.w3schools.com/tags/tag_track.asp), [<option>](https://www.w3schools.com/tags/tag_option.asp), [<optgroup>](https://www.w3schools.com/tags/tag_optgroup.asp) | Specifies the title of the text track |
| [lang](https://www.w3schools.com/tags/att_lang.asp) | [Global Attributes](https://www.w3schools.com/tags/ref_standardattributes.asp) | Specifies the language of the element's content |
| [list](https://www.w3schools.com/tags/att_list.asp) | [<input>](https://www.w3schools.com/tags/tag_input.asp) | Refers to a <datalist> element that contains pre-defined options for an <input> element |
| [loop](https://www.w3schools.com/tags/att_loop.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Specifies that the audio/video will start over again, every time it is finished |
| [low](https://www.w3schools.com/tags/att_low.asp) | [<meter>](https://www.w3schools.com/tags/tag_meter.asp) | Specifies the range that is considered to be a low value |
| [max](https://www.w3schools.com/tags/att_max.asp) | [<input>](https://www.w3schools.com/tags/tag_input.asp), [<meter>](https://www.w3schools.com/tags/tag_meter.asp), [<progress>](https://www.w3schools.com/tags/tag_progress.asp) | Specifies the maximum value |
| [maxlength](https://www.w3schools.com/tags/att_maxlength.asp) | [<input>](https://www.w3schools.com/tags/tag_input.asp), [<textarea>](https://www.w3schools.com/tags/tag_textarea.asp) | Specifies the maximum number of characters allowed in an element |
| [media](https://www.w3schools.com/tags/att_media.asp) | [<a>](https://www.w3schools.com/tags/tag_a.asp), [<area>](https://www.w3schools.com/tags/tag_area.asp), [<link>](https://www.w3schools.com/tags/tag_link.asp), [<source>](https://www.w3schools.com/tags/tag_source.asp), [<style>](https://www.w3schools.com/tags/tag_style.asp) | Specifies what media/device the linked document is optimized for |
| [method](https://www.w3schools.com/tags/att_method.asp) | [<form>](https://www.w3schools.com/tags/tag_form.asp) | Specifies the HTTP method to use when sending form-data |
| [min](https://www.w3schools.com/tags/att_min.asp) | [<input>](https://www.w3schools.com/tags/tag_input.asp), [<meter>](https://www.w3schools.com/tags/tag_meter.asp) | Specifies a minimum value |
| [multiple](https://www.w3schools.com/tags/att_multiple.asp) | [<input>](https://www.w3schools.com/tags/tag_input.asp), [<select>](https://www.w3schools.com/tags/tag_select.asp) | Specifies that a user can enter more than one value |
| [muted](https://www.w3schools.com/tags/att_muted.asp) | [<video>](https://www.w3schools.com/tags/tag_video.asp), [<audio>](https://www.w3schools.com/tags/tag_audio.asp) | Specifies that the audio output of the video should be muted |
| [name](https://www.w3schools.com/tags/att_name.asp) | [<button>](https://www.w3schools.com/tags/tag_button.asp), [<fieldset>](https://www.w3schools.com/tags/tag_fieldset.asp), [<form>](https://www.w3schools.com/tags/tag_form.asp), [<iframe>](https://www.w3schools.com/tags/tag_iframe.asp), [<input>](https://www.w3schools.com/tags/tag_input.asp), [<map>](https://www.w3schools.com/tags/tag_map.asp), [<meta>](https://www.w3schools.com/tags/tag_meta.asp), [<object>](https://www.w3schools.com/tags/tag_object.asp), [<output>](https://www.w3schools.com/tags/tag_output.asp), [<param>](https://www.w3schools.com/tags/tag_param.asp), [<select>](https://www.w3schools.com/tags/tag_select.asp), [<textarea>](https://www.w3schools.com/tags/tag_textarea.asp) | Specifies the name of the element |
| [novalidate](https://www.w3schools.com/tags/att_novalidate.asp) | [<form>](https://www.w3schools.com/tags/tag_form.asp) | Specifies that the form should not be validated when submitted |
| [onabort](https://www.w3schools.com/tags/att_onabort.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<embed>](https://www.w3schools.com/tags/tag_embed.asp), [<img>](https://www.w3schools.com/tags/tag_img.asp), [<object>](https://www.w3schools.com/tags/tag_object.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run on abort |
| [onafterprint](https://www.w3schools.com/tags/att_onafterprint.asp) | [<body>](https://www.w3schools.com/tags/tag_body.asp) | Script to be run after the document is printed |
| [onbeforeprint](https://www.w3schools.com/tags/att_onbeforeprint.asp) | [<body>](https://www.w3schools.com/tags/tag_body.asp) | Script to be run before the document is printed |
| [onbeforeunload](https://www.w3schools.com/tags/att_onbeforeunload.asp) | [<body>](https://www.w3schools.com/tags/tag_body.asp) | Script to be run when the document is about to be unloaded |
| [onblur](https://www.w3schools.com/tags/att_onblur.asp) | All visible elements. | Script to be run when the element loses focus |
| [oncanplay](https://www.w3schools.com/tags/att_oncanplay.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<embed>](https://www.w3schools.com/tags/tag_embed.asp), [<object>](https://www.w3schools.com/tags/tag_object.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when a file is ready to start playing (when it has buffered enough to begin) |
| [oncanplaythrough](https://www.w3schools.com/tags/att_oncanplaythrough.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when a file can be played all the way to the end without pausing for buffering |
| [onchange](https://www.w3schools.com/tags/att_onchange.asp) | All visible elements. | Script to be run when the value of the element is changed |
| [onclick](https://www.w3schools.com/tags/att_onclick.asp) | All visible elements. | Script to be run when the element is being clicked |
| [oncontextmenu](https://www.w3schools.com/tags/att_oncontextmenu.asp) | All visible elements. | Script to be run when a context menu is triggered |
| [oncopy](https://www.w3schools.com/tags/att_oncopy.asp) | All visible elements. | Script to be run when the content of the element is being copied |
| [oncuechange](https://www.w3schools.com/tags/att_oncuechange.asp) | [<track>](https://www.w3schools.com/tags/tag_track.asp) | Script to be run when the cue changes in a [<track>](https://www.w3schools.com/tags/tag_track.asp) element |
| [oncut](https://www.w3schools.com/tags/att_oncut.asp) | All visible elements. | Script to be run when the content of the element is being cut |
| [ondblclick](https://www.w3schools.com/tags/att_ondblclick.asp) | All visible elements. | Script to be run when the element is being double-clicked |
| [ondrag](https://www.w3schools.com/tags/att_ondrag.asp) | All visible elements. | Script to be run when the element is being dragged |
| [ondragend](https://www.w3schools.com/tags/att_ondragend.asp) | All visible elements. | Script to be run at the end of a drag operation |
| [ondragenter](https://www.w3schools.com/tags/att_ondragenter.asp) | All visible elements. | Script to be run when an element has been dragged to a valid drop target |
| [ondragleave](https://www.w3schools.com/tags/att_ondragleave.asp) | All visible elements. | Script to be run when an element leaves a valid drop target |
| [ondragover](https://www.w3schools.com/tags/att_ondragover.asp) | All visible elements. | Script to be run when an element is being dragged over a valid drop target |
| [ondragstart](https://www.w3schools.com/tags/att_ondragstart.asp) | All visible elements. | Script to be run at the start of a drag operation |
| [ondrop](https://www.w3schools.com/tags/att_ondrop.asp) | All visible elements. | Script to be run when dragged element is being dropped |
| [ondurationchange](https://www.w3schools.com/tags/att_ondurationchange.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when the length of the media changes |
| [onemptied](https://www.w3schools.com/tags/att_onemptied.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when something bad happens and the file is suddenly unavailable (like unexpectedly disconnects) |
| [onended](https://www.w3schools.com/tags/att_onended.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when the media has reach the end (a useful event for messages like "thanks for listening") |
| [onerror](https://www.w3schools.com/tags/att_onerror.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<body>](https://www.w3schools.com/tags/tag_body.asp), [<embed>](https://www.w3schools.com/tags/tag_embed.asp), [<img>](https://www.w3schools.com/tags/tag_img.asp), [<object>](https://www.w3schools.com/tags/tag_object.asp), [<script>](https://www.w3schools.com/tags/tag_script.asp), [<style>](https://www.w3schools.com/tags/tag_style.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when an error occurs |
| [onfocus](https://www.w3schools.com/tags/att_onfocus.asp) | All visible elements. | Script to be run when the element gets focus |
| [onhashchange](https://www.w3schools.com/tags/att_onhashchange.asp) | [<body>](https://www.w3schools.com/tags/tag_body.asp) | Script to be run when there has been changes to the anchor part of the a URL |
| [oninput](https://www.w3schools.com/tags/att_oninput.asp) | All visible elements. | Script to be run when the element gets user input |
| [oninvalid](https://www.w3schools.com/tags/att_oninvalid.asp) | All visible elements. | Script to be run when the element is invalid |
| [onkeydown](https://www.w3schools.com/tags/att_onkeydown.asp) | All visible elements. | Script to be run when a user is pressing a key |
| [onkeypress](https://www.w3schools.com/tags/att_onkeypress.asp) | All visible elements. | Script to be run when a user presses a key |
| [onkeyup](https://www.w3schools.com/tags/att_onkeyup.asp) | All visible elements. | Script to be run when a user releases a key |
| [onload](https://www.w3schools.com/tags/att_onload.asp) | [<body>](https://www.w3schools.com/tags/tag_body.asp), [<iframe>](https://www.w3schools.com/tags/tag_iframe.asp), [<img>](https://www.w3schools.com/tags/tag_img.asp), [<input>](https://www.w3schools.com/tags/tag_input.asp), [<link>](https://www.w3schools.com/tags/tag_link.asp), [<script>](https://www.w3schools.com/tags/tag_script.asp), [<style>](https://www.w3schools.com/tags/tag_style.asp) | Script to be run when the element is finished loading |
| [onloadeddata](https://www.w3schools.com/tags/att_onloadeddata.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when media data is loaded |
| [onloadedmetadata](https://www.w3schools.com/tags/att_onloadedmetadata.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when meta data (like dimensions and duration) are loaded |
| [onloadstart](https://www.w3schools.com/tags/att_onloadstart.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run just as the file begins to load before anything is actually loaded |
| [onmousedown](https://www.w3schools.com/tags/att_onmousedown.asp) | All visible elements. | Script to be run when a mouse button is pressed down on an element |
| [onmousemove](https://www.w3schools.com/tags/att_onmousemove.asp) | All visible elements. | Script to be run as long as the  mouse pointer is moving over an element |
| [onmouseout](https://www.w3schools.com/tags/att_onmouseout.asp) | All visible elements. | Script to be run when a mouse pointer moves out of an element |
| [onmouseover](https://www.w3schools.com/tags/att_onmouseover.asp) | All visible elements. | Script to be run when a mouse pointer moves over an element |
| [onmouseup](https://www.w3schools.com/tags/att_onmouseup.asp) | All visible elements. | Script to be run when a mouse button is released over an element |
| [onmousewheel](https://www.w3schools.com/tags/att_onmousewheel.asp) | All visible elements. | Script to be run when a mouse wheel is being scrolled over an element |
| [onoffline](https://www.w3schools.com/tags/att_onoffline.asp) | [<body>](https://www.w3schools.com/tags/tag_body.asp) | Script to be run when the browser starts to work offline |
| [ononline](https://www.w3schools.com/tags/att_ononline.asp) | [<body>](https://www.w3schools.com/tags/tag_body.asp) | Script to be run when the browser starts to work online |
| onpagehide | [<body>](https://www.w3schools.com/tags/tag_body.asp) | Script to be run when a user navigates away from a page |
| [onpageshow](https://www.w3schools.com/tags/att_onpageshow.asp) | [<body>](https://www.w3schools.com/tags/tag_body.asp) | Script to be run when a user navigates to a page |
| [onpaste](https://www.w3schools.com/tags/att_onpaste.asp) | All visible elements. | Script to be run when the user pastes some content in an element |
| [onpause](https://www.w3schools.com/tags/att_onpause.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when the media is paused either by the user or programmatically |
| [onplay](https://www.w3schools.com/tags/att_onplay.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when the media has started playing |
| [onplaying](https://www.w3schools.com/tags/att_onplaying.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when the media has started playing |
| onpopstate | [<body>](https://www.w3schools.com/tags/tag_body.asp) | Script to be run when the window's history changes. |
| [onprogress](https://www.w3schools.com/tags/att_onprogress.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when the browser is in the process of getting the media data |
| [onratechange](https://www.w3schools.com/tags/att_onratechange.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run each time the playback rate changes (like when a user switches to a slow motion or fast forward mode). |
| [onreset](https://www.w3schools.com/tags/att_onreset.asp) | [<form>](https://www.w3schools.com/tags/tag_form.asp) | Script to be run when a reset button in a form is clicked. |
| [onresize](https://www.w3schools.com/tags/att_onresize.asp) | [<body>](https://www.w3schools.com/tags/tag_body.asp) | Script to be run when the browser window is being resized. |
| [onscroll](https://www.w3schools.com/tags/att_onscroll.asp) | All visible elements. | Script to be run when an element's scrollbar is being scrolled |
| [onsearch](https://www.w3schools.com/tags/att_onsearch.asp) | [<input>](https://www.w3schools.com/tags/tag_input.asp) | Script to be run when the user writes something in a search field (for <input="search">) |
| [onseeked](https://www.w3schools.com/tags/att_onseeked.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when the seeking attribute is set to false indicating that seeking has ended |
| [onseeking](https://www.w3schools.com/tags/att_onseeking.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when the seeking attribute is set to true indicating that seeking is active |
| [onselect](https://www.w3schools.com/tags/att_onselect.asp) | All visible elements. | Script to be run when the element gets selected |
| [onstalled](https://www.w3schools.com/tags/att_onstalled.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when the browser is unable to fetch the media data for whatever reason |
| onstorage | [<body>](https://www.w3schools.com/tags/tag_body.asp) | Script to be run when a Web Storage area is updated |
| [onsubmit](https://www.w3schools.com/tags/att_onsubmit.asp) | [<form>](https://www.w3schools.com/tags/tag_form.asp) | Script to be run when a form is submitted |
| [onsuspend](https://www.w3schools.com/tags/att_onsuspend.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when fetching the media data is stopped before it is completely loaded for whatever reason |
| [ontimeupdate](https://www.w3schools.com/tags/att_ontimeupdate.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when the playing position has changed (like when the user fast forwards to a different point in the media) |
| [ontoggle](https://www.w3schools.com/tags/att_ontoggle.asp) | [<details>](https://www.w3schools.com/tags/tag_details.asp) | Script to be run when the user opens or closes the <details> element |
| [onunload](https://www.w3schools.com/tags/att_onunload.asp) | [<body>](https://www.w3schools.com/tags/tag_body.asp) | Script to be run when a page has unloaded (or the browser window has been closed) |
| [onvolumechange](https://www.w3schools.com/tags/att_onvolumechange.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run each time the volume of a video/audio has been changed |
| [onwaiting](https://www.w3schools.com/tags/att_onwaiting.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Script to be run when the media has paused but is expected to resume (like when the media pauses to buffer more data) |
| [onwheel](https://www.w3schools.com/tags/att_onwheel.asp) | All visible elements. | Script to be run when the mouse wheel rolls up or down over an element |
| [open](https://www.w3schools.com/tags/att_open.asp) | [<details>](https://www.w3schools.com/tags/tag_details.asp) | Specifies that the details should be visible (open) to the user |
| [optimum](https://www.w3schools.com/tags/att_optimum.asp) | [<meter>](https://www.w3schools.com/tags/tag_meter.asp) | Specifies what value is the optimal value for the gauge |
| [pattern](https://www.w3schools.com/tags/att_pattern.asp) | [<input>](https://www.w3schools.com/tags/tag_input.asp) | Specifies a regular expression that an <input> element's value is checked against |
| [placeholder](https://www.w3schools.com/tags/att_placeholder.asp) | [<input>](https://www.w3schools.com/tags/tag_input.asp), [<textarea>](https://www.w3schools.com/tags/tag_textarea.asp) | Specifies a short hint that describes the expected value of the element |
| [poster](https://www.w3schools.com/tags/att_poster.asp) | [<video>](https://www.w3schools.com/tags/tag_video.asp) | Specifies an image to be shown while the video is downloading, or until the user hits the play button |
| [preload](https://www.w3schools.com/tags/att_preload.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Specifies if and how the author thinks the audio/video should be loaded when the page loads |
| [readonly](https://www.w3schools.com/tags/att_readonly.asp) | [<input>](https://www.w3schools.com/tags/tag_input.asp), [<textarea>](https://www.w3schools.com/tags/tag_textarea.asp) | Specifies that the element is read-only |
| [rel](https://www.w3schools.com/tags/att_rel.asp) | [<a>](https://www.w3schools.com/tags/tag_a.asp), [<area>](https://www.w3schools.com/tags/tag_area.asp), [<form>](https://www.w3schools.com/tags/tag_form.asp), [<link>](https://www.w3schools.com/tags/tag_link.asp) | Specifies the relationship between the current document and the linked document |
| [required](https://www.w3schools.com/tags/att_required.asp) | [<input>](https://www.w3schools.com/tags/tag_input.asp), [<select>](https://www.w3schools.com/tags/tag_select.asp), [<textarea>](https://www.w3schools.com/tags/tag_textarea.asp) | Specifies that the element must be filled out before submitting the form |
| [reversed](https://www.w3schools.com/tags/att_reversed.asp) | [<ol>](https://www.w3schools.com/tags/tag_ol.asp) | Specifies that the list order should be descending (9,8,7...) |
| [rows](https://www.w3schools.com/tags/att_rows.asp) | [<textarea>](https://www.w3schools.com/tags/tag_textarea.asp) | Specifies the visible number of lines in a text area |
| [rowspan](https://www.w3schools.com/tags/att_rowspan.asp) | [<td>](https://www.w3schools.com/tags/tag_td.asp), [<th>](https://www.w3schools.com/tags/tag_th.asp) | Specifies the number of rows a table cell should span |
| [sandbox](https://www.w3schools.com/tags/att_sandbox.asp) | [<iframe>](https://www.w3schools.com/tags/tag_iframe.asp) | Enables an extra set of restrictions for the content in an <iframe> |
| [scope](https://www.w3schools.com/tags/att_scope.asp) | [<th>](https://www.w3schools.com/tags/tag_th.asp) | Specifies whether a header cell is a header for a column, row, or group of columns or rows |
| [selected](https://www.w3schools.com/tags/att_selected.asp) | [<option>](https://www.w3schools.com/tags/tag_option.asp) | Specifies that an option should be pre-selected when the page loads |
| [shape](https://www.w3schools.com/tags/att_shape.asp) | [<area>](https://www.w3schools.com/tags/tag_area.asp) | Specifies the shape of the area |
| [size](https://www.w3schools.com/tags/att_size.asp) | [<input>](https://www.w3schools.com/tags/tag_input.asp), [<select>](https://www.w3schools.com/tags/tag_select.asp) | Specifies the width, in characters (for <input>) or specifies the number of visible options (for <select>) |
| [sizes](https://www.w3schools.com/tags/att_sizes.asp) | [<img>](https://www.w3schools.com/tags/tag_img.asp), [<link>](https://www.w3schools.com/tags/tag_link.asp), [<source>](https://www.w3schools.com/tags/tag_source.asp) | Specifies the size of the linked resource |
| [span](https://www.w3schools.com/tags/att_span.asp) | [<col>](https://www.w3schools.com/tags/tag_col.asp), [<colgroup>](https://www.w3schools.com/tags/tag_colgroup.asp) | Specifies the number of columns to span |
| [spellcheck](https://www.w3schools.com/tags/att_spellcheck.asp) | [Global Attributes](https://www.w3schools.com/tags/ref_standardattributes.asp) | Specifies whether the element is to have its spelling and grammar checked or not |
| [src](https://www.w3schools.com/tags/att_src.asp) | [<audio>](https://www.w3schools.com/tags/tag_audio.asp), [<embed>](https://www.w3schools.com/tags/tag_embed.asp), [<iframe>](https://www.w3schools.com/tags/tag_iframe.asp), [<img>](https://www.w3schools.com/tags/tag_img.asp), [<input>](https://www.w3schools.com/tags/tag_input.asp), [<script>](https://www.w3schools.com/tags/tag_script.asp), [<source>](https://www.w3schools.com/tags/tag_source.asp), [<track>](https://www.w3schools.com/tags/tag_track.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Specifies the URL of the media file |
| [srcdoc](https://www.w3schools.com/tags/att_srcdoc.asp) | [<iframe>](https://www.w3schools.com/tags/tag_iframe.asp) | Specifies the HTML content of the page to show in the <iframe> |
| [srclang](https://www.w3schools.com/tags/att_srclang.asp) | [<track>](https://www.w3schools.com/tags/tag_track.asp) | Specifies the language of the track text data (required if kind="subtitles") |
| [srcset](https://www.w3schools.com/tags/att_source_srcset.asp) | [<img>](https://www.w3schools.com/tags/tag_img.asp), [<source>](https://www.w3schools.com/tags/tag_source.asp) | Specifies the URL of the image to use in different situations |
| [start](https://www.w3schools.com/tags/att_start.asp) | [<ol>](https://www.w3schools.com/tags/tag_ol.asp) | Specifies the start value of an ordered list |
| [step](https://www.w3schools.com/tags/att_step.asp) | [<input>](https://www.w3schools.com/tags/tag_input.asp) | Specifies the legal number intervals for an input field |
| [style](https://www.w3schools.com/tags/att_style.asp) | [Global Attributes](https://www.w3schools.com/tags/ref_standardattributes.asp) | Specifies an inline CSS style for an element |
| [tabindex](https://www.w3schools.com/tags/att_tabindex.asp) | [Global Attributes](https://www.w3schools.com/tags/ref_standardattributes.asp) | Specifies the tabbing order of an element |
| [target](https://www.w3schools.com/tags/att_target.asp) | [<a>](https://www.w3schools.com/tags/tag_a.asp), [<area>](https://www.w3schools.com/tags/tag_area.asp), [<base>](https://www.w3schools.com/tags/tag_base.asp), [<form>](https://www.w3schools.com/tags/tag_form.asp) | Specifies the target for where to open the linked document or where to submit the form |
| [title](https://www.w3schools.com/tags/att_title.asp) | [Global Attributes](https://www.w3schools.com/tags/ref_standardattributes.asp) | Specifies extra information about an element |
| [translate](https://www.w3schools.com/tags/att_translate.asp) | [Global Attributes](https://www.w3schools.com/tags/ref_standardattributes.asp) | Specifies whether the content of an element should be translated or not |
| [type](https://www.w3schools.com/tags/att_type.asp) | [<a>](https://www.w3schools.com/tags/tag_a.asp), [<button>](https://www.w3schools.com/tags/tag_button.asp), [<embed>](https://www.w3schools.com/tags/tag_embed.asp), [<input>](https://www.w3schools.com/tags/tag_input.asp), [<link>](https://www.w3schools.com/tags/tag_link.asp), [<menu>](https://www.w3schools.com/tags/tag_menu.asp), [<object>](https://www.w3schools.com/tags/tag_object.asp), [<script>](https://www.w3schools.com/tags/tag_script.asp), [<source>](https://www.w3schools.com/tags/tag_source.asp), [<style>](https://www.w3schools.com/tags/tag_style.asp) | Specifies the type of element |
| [usemap](https://www.w3schools.com/tags/att_usemap.asp) | [<img>](https://www.w3schools.com/tags/tag_img.asp), [<object>](https://www.w3schools.com/tags/tag_object.asp) | Specifies an image as a client-side image map |
| [value](https://www.w3schools.com/tags/att_value.asp) | [<button>](https://www.w3schools.com/tags/tag_button.asp), [<input>](https://www.w3schools.com/tags/tag_input.asp), [<li>](https://www.w3schools.com/tags/tag_li.asp), [<option>](https://www.w3schools.com/tags/tag_option.asp), [<meter>](https://www.w3schools.com/tags/tag_meter.asp), [<progress>](https://www.w3schools.com/tags/tag_progress.asp), [<param>](https://www.w3schools.com/tags/tag_param.asp) | Specifies the value of the element |
| [width](https://www.w3schools.com/tags/att_width.asp) | <canvas>, [<embed>](https://www.w3schools.com/tags/tag_embed.asp), [<iframe>](https://www.w3schools.com/tags/tag_iframe.asp), [<img>](https://www.w3schools.com/tags/tag_img.asp), [<input>](https://www.w3schools.com/tags/tag_input.asp), [<object>](https://www.w3schools.com/tags/tag_object.asp), [<video>](https://www.w3schools.com/tags/tag_video.asp) | Specifies the width of the element |
| [wrap](https://www.w3schools.com/tags/att_wrap.asp) | [<textarea>](https://www.w3schools.com/tags/tag_textarea.asp) | Specifies how the text in a text area is to be wrapped when submitted in a form |