| Tag | Info | v | Attributes* |
| :---: | :---: | :---: | :---: |
| <!-- --> | comment | 4/5 | none |
| <!DOCTYPE> | document type | 4/5 | none |
| <a> | hyperlink | 4/5 | href \| hreflang | media | ping | rel | target | type |
| <abbr> | abbreviation | 4/5 | global attributes** |
| <acronym> | acronym | 4 | - |
| <address> | address element | 4/5 | global attributes** |
| <applet> | applet | 4 | - |
| <area> | area inside an image map | 4/5 | alt \| coords | href | hreflang | media | ping | rel | shape | target | type |
| <article> | article | 5 | global attributes** |
| <aside> | outside the main flow of the narrative | 5 | global attributes** |
| <audio> | sound content | 5 | autobuffer \| autoplay | controls | loop | src |
| <b> | bold text | 4/5 | global attributes** |
| <base> | base URL for all the page links | 4/5 | href \| target |
| <basefont> | Base font for the document | 4 | - |
| <bb> | invoked user agent command | 5 | type |
| <bdo> | direction of text display | 4/5 | dir |
| <big> | big text | 4 | - |
| <blockquote> | Iong quotation | 4/5 | cite |
| <body> | body element | 4/5 | global attributes** |
| <br> | inserts a single line break | 4/5 | global attributes** |
| <button> | push button | 4/5 | autofocus \| disabled | form | formaction | formenctype | formmethod | formnovalidate | formtarget | name | type | value |
| <canvas> | Graphic area | 5 | height \| width |
| <caption> | table caption | $4 / 5$ | global attributes** |
| <center> | centered text | 4 | - |
| <cite> | citation | 4/5 | global attributes** |
| <code> | computer code text | 4/5 | global attributes** |
| <col> | attributes for table columns | 4/5 | span |
| <colgroup> | groups of table columns | 4/5 | span |
| <command> | command button | 5 | checked \| default | disabled | hidden | icon | label | radiogroup | type |
| <datagrid> | data in a tree, list or tabular | 5 | disabled |
| <datalist> | dropdown list | 5 | global attributes** |
| <dd> | definition description | 4/5 | global attributes** |
| <del> | deleted text | 4/5 | cite \| datetime |
| <details> | details of an element | 5 | open |
| <dialog> | dialog <br> (conversation) | 5 | global attributes** |
| <dir> | directory list | 4 | - |
| <div> | section in a document | 4/5 | global attributes** |
| <dfn> | definition term | 4/5 | title |
| <dl> | definition list | 4/5 | global attributes** |
| <dt> | definition term | 4/5 | global attributes** |
| <em> | emphasized <br> text | 4/5 | global attributes** |


| Tag | Info | v | Attributes* |
| :---: | :---: | :---: | :---: |
| <embed> | external interactive content or plugin | 5 | height \| src | type | width |
| <fieldset> | fieldset | $4 / 5$ | disabled \| form | name |
| <figure> | group of media content, and their caption | 5 | global attributes** |
| <font> | text font, size, and color | 4 | - |
| <footer> | footer for a section or page | 5 | global attributes** |
| <form> | form | $4 / 5$ | action \| data | replace | accept | accept-charset | enctype | method | target |
| <frame> | sub window | 4 | - |
| <frameset> | set of frames | 4 | - |
| <h1> to <h6> | header 1 to header 6 | 4/5 | global attributes** |
| <head> | information about the document | $4 / 5$ | none |
| <header> | header for a section or page | 5 | global attributes** |
| <hgroup> | heading section | 5 | global attributes** |
| <hr> | horizontal rule | 4/5 | global attributes** |
| <html> | html document | 4/5 | manifest |
| <i> | italic text | 4/5 | global attributes** |
| <iframe> | inline sub window (frame) | 4/5 | src \| name | sandbox | seamless | width | height |
| <img> | image | 4/5 | alt \| src | height | ismap | usemap | width |
| <input> | input field | 4/5 | accept \| alt | autocomplete | autofocus | checked | disabled | form | formaction | formenctype | formmethod | formnovalidate | formtarget | height | list | max | maxlength | min | multiple | name | pattern | placeholder | readonly | required | size | src | step | type | value \| width |
| <ins> | inserted text | $4 / 5$ | cite \\| datetime |
| <isindex> | single-line input field | 4 | - |
| <kbd> | keyboard text | $4 / 5$ | global attributes** |
| <label> | label for a form control | $4 / 5$ | for |
| <legend> | fieldset title | 4/5 | global attributes** |
| <li> | list item | $4 / 5$ | value |
| <link> | resource reference | 4/5 | href \| rel | media | hreflang | type | sizes |
| <mark> | marked text | 5 | global attributes** |
| <map> | image map | 4/5 | id |
| <menu> | menu list | 4/5 | label \| type |
| <meta> | meta information | 4/5 | charset \| content | httpequiv | name |
| <meter> | measurement within a predefined range | 5 | high \| low | max | min | optimum | value |
| <nav> | navigation links | 5 | global attributes** |
| <noframes> | noframe section | 4 | - |
| <noscript> | noscript section | 4/5 | none |
| <object> | embedded object | $4 / 5$ | data \| height | type | usemap | width | object |


| Tag | Info | v | Attributes* |
| :---: | :---: | :---: | :---: |
| <ol> | ordered list | $4 / 5$ | start \| reversed |
| <optgroup> | option group | $4 / 5$ | disabled \| label |
| <option> | option in a drop-down list | 4 / 5 | disabled \| label | selected | value |
| <output> | some types of output | 5 | form |
| <p> | paragraph | 4/5 | global attributes** |
| <param> | parameter for an object | $4 / 5$ | name I value |
| <pre> | preformatted text | $4 / 5$ | global attributes** |
| <progress> | progress of a task of any kind | 5 | max \| value |
| <q> | short quotation | $4 / 5$ | cite |
| <ruby> | ruby annotations | 5 | global attributes** |
| <rp> | provide parentheses around a ruby text | 5 | global attributes** |
| <rt> | ruby text component | 5 | global attributes** |
| <s> | strikethrough text | 4 | - |
| <samp> | sample computer code | $4 / 5$ | global attributes** |
| <script> | script | 4 / 5 | async \| type | defer | src | charset |
| <section> | section | 5 | cite |
| <select> | selectable list | 4 / 5 | autofocus \| data | disabled | form | multiple | name |
| <small> | small text | $4 / 5$ | global attributes** |
| <source> | media resources | 5 | media \| src | type |
| <span> | inline section | $4 / 5$ | global attributes** |
| <strike> | strikethrough text | 4 | - |
| <strong> | strong text | $4 / 5$ | global attributes** |
| <style> | style definition | 4/5 | media \| type | scoped |
| <sub> | subscripted text | $4 / 5$ | global attributes** |
| <sup> | superscripted text | $4 / 5$ | global attributes** |
| <table> | table | $4 / 5$ | summary |
| <tbody> | table body | $4 / 5$ | global attributes** |
| <td> | table cell | $4 / 5$ | colspan \| rowspan | headers |
| <textarea> | text area | $4 / 5$ | autofocus \| cols | disabled | form | name | readonly | required | rows | maxlength | |
| <tfoot> | table footer | $4 / 5$ | global attributes** |
| <th> | table header | $4 / 5$ | colspan \| rowspan | scope |
| <thead> | table header | $4 / 5$ | global attributes** |
| <time> | date/time | 5 | datetime \| pubdate |
| <title> | document title | $4 / 5$ | none |
| <tr> | table row | $4 / 5$ | global attributes** |
| <tt> | teletype text | 4 | - |
| <u> | underlined text | 4 | - |
| <ul> | unordered list | $4 / 5$ | global attributes** |
| <var> | variable | $4 / 5$ | global attributes** |
| <video> | video | 5 | src \| poster | autobuffer | autoplay | loop | controls | width | height |
| <xmp> | preformatted text | 4 | - |

* Attributes: Lists attributes specific to that tag. Deprecated (html4


## only) attributes are not listed

** Global Attributes: class | contenteditable | contextmenu | dir | draggable | id | irrelevant | lang | ref | registrationmark | tabindex | template | title

HTML 5 - extended

| Tag | Info | Attributes |
| :---: | :---: | :---: |
| <!-- --> | comment: comments are displayed in code only. Tag contents are not rendered in the browser | none |
| <!DOCTYPE> | document type: defines which specification the document follows | none |
| <a> | anchor: used to provide a link to another web resource | href: destination resource of the hyperlink hreflang: gives the language of the linked resource media: describes for which media the target document was designed <br> ping: gives the URLs of the resources that are interested in being notified if the user follows the hyperlink <br> rel: relationship between the document containing the hyperlink and the destination resource [alternate \| archives | author | bookmark | contact | external | feed | first | help | icon | index | last | license | next | nofollow | noreferrer | pingback | prefetch | prev | search | stylesheet | sidebar |tag |up] target: gives the name of the browsing context that will be used [_blank | _parent | _self |_top] type: gives the MIME type of the linked resource |
| <abbr> | abbreviation: an abbreviation or acronym, optionally with its expansion | global attributes** |
| <address> | address element: represents the contact information for its nearest article or body element ancestor | global attributes** |
| <area> | area: either a hyperlink with some text and a corresponding area on an image map, or a dead area on an image map | alt: alternate text for the area <br> cords: coordinates for the clickable area href: destination resource of the hyperlink hreflang: gives the language of the linked resource media: describes for which media the target document was designed <br> ping: gives the URLs of the resources that are interested in being notified if the user follows the hyperlink <br> rel: relationship between the document containing the hyperlink and the destination resource [alternate \| archives | author | bookmark | contact | external | feed | first | help | icon | index | last | license | next | nofollow | noreferrer | pingback | prefetch | prev | search | stylesheet | sidebar |tag |up] shape: defines the shape of the area [default | rect | rectangle | circ | circle | poly | polygon] target: gives the name of the browsing context that will be used [_blank |_parent |_self |_top] type: gives the MIME type of the linked resource |
| <article> | article element: a section of a page that consists of a composition that forms an independent part of a document, page, or site | global attributes** |
| <aside> | aside element: a section of a page that consists of content that is tangentially related to the content around the aside element, and which could be considered separate from that content | global attributes** |
| <audio> | sound content: represents a sound or audio stream | autobuffer: determines if the audio will be buffered [autobuffer] <br> autoplay: determine if the audio will automatically play [autoplay] <br> controls: indicates that the author has not provided a scripted controller and would like the user agent to provide its own set of controls [controls] <br> loop: sets whether the audio will start once the end is reached [loop] <br> src: URL of the audio to play |
| <b> | bold text: creates text that will be made bold | global attributes** |
| <base> | base element: base URL for all the page links | href: URL to use as the base URL for links in the page <br> target: sets the base target for links in the page [ blank \| _parent | _self | _top] |
| <bb> | browser button: a user agent command that the user can invoke | type: indicates the kind of command [makeapp] |
| <bdo> | bdo element: represents explicit text directionality formatting control for its children | dir: direction override [/tr \| rt/] |
| <blockquote> | block quote element: a section that is quoted from another source | cite: URL of the origin of the quote |
| <body> | body element: main content of the document | global attributes** |
| <br> | break: inserts a single line break | global attributes** |


| Tag | Info | Attributes |
| :---: | :---: | :---: |
| <button> | button: a button page element | autofocus: indicate that a control is to be focused as soon as the page is loaded [autofocus] <br> disabled: prevents the button from being pressed [disabled] <br> form: used to explicitly associate the button element with its form owner <br> formaction: URL that specifies a form processing agent <br> formenctype: specifies the content type used to submit the form to the server [application/x-www-form-urlencoded <br> \| multipart/form-data | text/plain] <br> formmethod: which HTTP method will be used to submit the forms data [get \| post | put | delete] formnovalidate: indicate whether the form is to be validated during submission [formnovalidate] formtarget: gives the target when the form is submitted [blank | _parent | _self |_top] name: elements name type: controls the behavior of the button when it is activated [submit | reset | button] <br> value: gives the element's value for the purposes of form submission |
| <canvas> | canvas element: a resolutiondependent bitmap canvas, which can be used for rendering graphs, game graphics, or other visual images on the fly | height: height of the canvas in pixels - default is 150 <br> width: width of the canvas in pixels - default is 300 |
| <caption> | table caption: the title of the table that is its parent, if it has a parent and that is a table element. | global attributes** |
| <cite> | citation: represents the title of a work | global attributes** |
| <code> | computer code text: represents a fragment of computer code. This could be an XML element name, a filename, a computer program, or any other string that a computer would recognize. | global attributes** |
| <col> | column: defines the attribute values for one or more columns in a table. Used inside of a table or colgroup | span: number of columns the tag should span |
| <colgroup> | column group: a group of one or more columns in the table that is its parent, if it has a parent and that is a table element | span: number of columns the tag should span |
| <command> | command button: a command that the user can invoke (like radio button or checkbox) | type: Specifies the type of command [checkbox \| command | radio] <br> label: gives the name of the command, as shown to the user <br> icon: a URL to a picture that represents the command <br> disabled: prevents the command from being executed [disabled] <br> checked: Determines if the command is checked by default [checked] <br> radiogroup: gives the name of the group of commands that will be toggled when the command itself is toggled <br> title: gives a hint describing the command, which might be shown to the user to help them |
| <datagrid> | datagrid element: an interactive representation of tree, list, | disabled: defines whether the list is selectable [disabled] |
| <datalist> | dropdown list: a set of option elements that represent predefined options for other controls | global attributes** |
| <dd> | definition description: description, definition, or value, part of a term-description group in a description list (dl element), and the discourse, or quote, part in a conversation (dialog element) | global attributes** |
| <del> | deleted text: represents a removal from the document | cite: a URL used to specify the address of a document that explains the change <br> datetime: used to specify the time and date of the change |
| <details> | details element: represents additional information or controls which the user can obtain on demand | open: indicates whether the details are to be shown to the user [open] |
| <dialog> | dialog element: represents a conversation, meeting minutes, a chat transcript, a dialog in a screenplay, an instant message log, or some other construct in which different players take turns | global attributes** |
| <div> | document block: creates a block level element with no special meaning | global attributes** |

HTML 5 - extended

| Tag | Info | Attributes |
| :---: | :---: | :---: |
| <dfn> | definition term: the defining instance of a term | title: the exact value of the term being defined |
| <dl> | definition list: an association list consisting of zero or more name-value groups (a description list). Each group must consist of one or more names (dt elements) followed by one or more values (dd elements) | global attributes** |
| <dt> | definition term: the term, or name, part of a termdescription group in a description list (dl element), and the talker, or speaker, part of a talker-discourse pair in a conversation (dialog element) | global attributes** |
| <em> | emphasized text: represents stress emphasis of its contents. | global attributes** |
| <embed> | embed element: an external (typically non-HTML) application or interactive content | src: URL of the resource being embedded type: gives the MIME type of the plugin to instantiate <br> height: height of the embedded content in pixels width: width of the embedded content in pixels |
| <fieldset> | fieldset element: a set of form controls grouped under a common name | disabled: controls whether all the form control descendants are disabled [disabled] <br> form: used to explicitly associate the fieldset element with its form owner name: gives the name of the form control |
| <figure> | figure element: some flow content, optionally with a caption, that is self-contained and is typically referenced as a single unit from the main flow of the document | global attributes** |
| <footer> | footer element: represents a footer for the section it applies | global attributes** |
| <form> | form element: represents a collection of form-associated elements, some of which can represent editable values that can be submitted to a server for processing | accept-charset: gives the character encodings that are to be used for the submission <br> action: URL that specifies a form processing agent autocomplete: determines if form elements will have their autocomplete turned on or off by default [on \| off] <br> enctype: specifies the content type used to submit the form to the server [application/x-www-formurlencoded <br> \| multipart/form-data | text/plain] <br> method: which HTTP method will be used to submit the forms data [get \| post | put | delete] <br> name: elements name <br> novalidate: indicate whether the form is to be validated during submission [novalidate] <br> target: gives the target when the form is submitted <br> [_blank \| _parent | _self | _top] |
| <h1> to <h6> | headers (1-6): represent headings for their sections. elements have a rank given by the number in their name | global attributes** |
| <head> | head element: contains information about the document | none |
| <header> | header element: represents a group of introductory or navigational aids | global attributes** |
| <hgroup> | heading group: used to group a set of h1-h6 elements when the heading has multiple levels, such as subheadings, alternative titles, or taglines | global attributes** |
| <hr> | horizontal rule: creates a horizontal rule (line) | global attributes** |
| <html> | html document: root of an HTML document. | manifest: a URL to the address of the document's application cache manifest |
| <i> | italic text: indicates the text is to be rendered with emphasis | global attributes** |
| <iframe> | inline frame: represents a nested browsing window | src: URL of a page that the nested browsing context is to contain <br> name: elements name <br> sandbox: enables a set of extra restrictions on any content hosted by the iframe [allow-same-origin \| allow-forms | allow-scripts] <br> seamless: indicates whether the iframe element's browsing context is to be rendered in a manner that makes it appear to be part of the containing document [seamless] <br> height: height of the frame in pixels <br> width: width of the frame in pixels |
| <img> | image: represents an image | alt: text to display if the image can not src: a URL to the image file usemap: name of the map to use for the image ismap: provides access to a server-side image map height: height of the image in pixels width: width of the image in pixels |


| Tag | Info | Attributes |
| :---: | :---: | :---: |
| <input> | input field: a typed data field, usually with a form control to allow the user to edit the data | Attributes are dependant upon input type <br> accept: specified to provide user agents with a hint of what file types the server will be able to accept alt: provides the textual label for the alternative button for users and user agents who cannot use the image <br> autocomplete: determines if the data is considered sensitive and if autocomplete will be used [on \| off | default] <br> autofocus: determines if the input will get focus when a page loads [autofocus] <br> checked: determines if the input will be checked by default [checked] <br> disabled: prevents the input from being pressed [disabled] <br> form: used to explicitly associate the button element with its form owner <br> formaction: URL that specifies a form processing agent <br> formenctype: specifies the content type used to submit the form to the server [application/x-www-form-urlencoded <br> \| multipart/form-data | text/plain] <br> formmethod: which HTTP method will be used to submit the forms data [get \| post | put | delete] formnovalidate: indicate whether the form is to be validated during submission [formnovalidate] <br> formtarget: gives the target when the form is submitted [_blank I _parent I _self I _top] <br> height: height of the input in pixels <br> list: used to identify an element that lists predefined options suggested to the user <br> max and max: indicate the allowed range of values for the element <br> maxlength: controls the maxlength of the input to a control <br> multiple: indicates whether the user is to be allowed to specify more than one value [multiple] <br> name: elements name <br> pattern: specifies a regular expression against which the control's value is to be checked <br> placeholder: a short hint intended to aid the user with data entry <br> readonly: determines if the control is readonly [readonly] <br> required: determines if the input is required before the form submits [required] <br> size: gives the number of characters that, in a visual rendering, the user agent is to allow the user to see while editing <br> src: URL to an image (image button) <br> step: indicates the granularity that is expected (and required) of the value <br> type: controls the data type (and associated control) of the element [hidden \| text | search | tel | url | email | password | datetime | date | month | week | time | datetime-local | number | range | color | checkbox | radio | file | submit | image | reset | button] <br> value: sets the element's value <br> width: width of the input in pixels |
| <ins> | inserted text: an addition to the document | cite: a URL used to specify the address of a document that explains the change <br> datetime: used to specify the time and date of the change |
| <kbd> | keyboard text: user input (typically keyboard input, although it may also be used to represent other input, such as voice commands) | global attributes** |
| <label> | label: caption in a user interface | for: specified to indicate a form control with which the caption is to be associated |
| <legend> | fieldset title: sets the title of a fieldset element | global attributes** |
| <li> | list item: represents a list item of an Ordered (OL) or Unordered | value: used in an Ordered List (OL) to set the display value |
| <link> | resource link: allows authors to link their document to other resources | href: destination resource of the hyperlink rel: relationship between the document containing the hyperlink and the destination resource [alternate \| archives | author | bookmark | contact | external | feed | first | help | icon | index | last | license | next | nofollow | noreferrer | pingback | prefetch | prev | search | stylesheet | sidebar \| tag | up] media: describes for which media the target document was designed hreflang: gives the language of the linked resource type: gives the MIME type of the linked resource sizes: gives the sizes of icons for visual media. |
| <mark> | marked text: a run of text in one document marked or highlighted for reference purposes, due to its relevance in another context. | global attributes** |
| <map> | image map: in conjunction with any area element descendants, defines an image map | name: gives the map a name so that it can be referenced |
| <menu> | menu list: a list of commands | label: sets a visible label for the menu type: indicates the kind of menu being declared [context \| toolbar | list] |

HTML 5 - extended

| Tag | Info | Attributes |
| :---: | :---: | :---: |
| <meta> | meta information: sets meta information for the page (like title, description) | charset: specifies the character encoding used by the document <br> content: sets the value of the document metadata http-equiv: sets a pragma directive [contentlanguage \| content-type | default-style | refresh] name: set the name of the meta information |
| <meter> | meter element: scalar measurement within a known range, or a fractional value | high: specifies the range that is considered to be the "high" part <br> low: specifies the range that is considered to be the "low" part <br> min: specifies the lower boundary $\boldsymbol{m a x}$ : specifies the upper boundary optimum: specifies the range that is considered to be the "optimum" part <br> value: current location within the range |
| <nav> | navigation element: section of a page that links to other pages or to parts within the page: a section with navigation links | global attributes** |
| <noscript> | noscript section: represents nothing if scripting is enabled, and represents its children if scripting is disabled | global attributes** |
| <object> | embedded object: an external resource, which, depending on the type of the resource, will either be treated as an image, as a nested browsing context, or as an external resource to be processed by a plugin | data: specifies the address of the resource name: valid browsing context name usemap: name of the map to use for the image form: form to associate the object with type: gives the MIME type of the plugin to instantiate <br> height: height of the embedded content in pixels width: width of the embedded content in pixels |
| <ol> | ordered list: list of items, where the items have been intentionally ordered | start: the ordinal value of the first list item reversed: indicates that the list is a descending list [reversed] |
| <optgroup> | option group: a group of option elements with a common label | disabled: disables all options in the group [disabled] <br> label: gives the name of the group, as shown to the user |
| <option> | option element: an option in a select element or as part of a list of suggestions in a datalist element | disabled: prevent any clicks on an option item [disabled] <br> label: provides a label for element selected: determines if the option is selected by default [selected] <br> value: provides a value for element |
| <output> | output element: the result of a calculation | form: used to explicitly associate the output element with its form owner for: allows an explicit relationship to be made between the result of a calculation and the elements that represent the values that went into the calculation or that influenced the calculation |
| <p> | paragraph: creates a paragraph | global attributes** |
| <param> | parameter element: defines parameters for plugins invoked by object elements. It does not represent anything on its own | name: gives the name of the parameter. value: gives the value of the parameter. |
| <pre> | preformatted text: represents a block of preformatted text | global attributes** |
| <progress> | progress element: represents the completion progress of a task. | max: specifies how much work the task requires in total value: specifies how much of the task has been completed |
| <q> | short quotation: phrasing content quoted from another source | cite: a URL of a page where the quote was taken from |
| <ruby> | ruby annotations: allows one or more spans of phrasing content to be marked with ruby annotations | global attributes** |
| <rp> | ruby text parentheses: can be used to provide parentheses around a ruby text component of a ruby annotation | global attributes** |
| <rt> | ruby text component: marks the ruby text component of a ruby annotation | global attributes** |
| <samp> | sample: sample output from a program or computing system. | global attributes** |
| <script> | script element: allows authors to include dynamic script and data blocks in their documents | async: the script will be executed asynchronously, as soon as it is available [async] <br> type: gives the MIME type of the script or format of the data <br> defer: the script is executed when the page has finished parsing [defer] <br> src: gives the address of the external script resource to use <br> charset: specifies the character encoding of the external script resource |
| <section> | section element: represents a generic document or application section | cite: a URL of a page where the section was taken from |

poster: URL of an image file that the user agent
can show while no video data is available can show while no video data is available autobuffer: determines if the video will be buffered [autobuffer]
autoplay: de
play [autoplay]
controls: indicates that the author has not provided a scripted controller and would like the user agent to provide its own set of controls [controls] loop: sets whether the video will start once the end is reached [/oop]
src: URL of the video to play
width: width of the video in pixels
height: height of the video in pixels

