List of HTML Tags and Content Categories

Most HTML tags are associated with a category that indicates where the tag can be used and a content model that specifies what the element can contain HTML-5.com is a great guide for web developers. TV Series & Actors and Actresses. Follow TV Series and HTML 5 on Google+.

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Flow Content vs. Phrasing Content

Within the body section of an HTML document, most non-empty HTML elements that do not expect content consisting of specific child elements will expect one of two different categories of content:

<dfn>flow content</dfn>

> The **body** element, which is the beginning of the visible content of the document, expects content that consists of flow content. Flow content is less restrictive than phrasing content because sectioning tags, heading and footer tags as well as text and the HTML tags that can be used in phrasing content can be used where flow content is permitted.

<dfn>phrasing content</dfn>

> <dfn>Phrasing content</dfn> is the content at the lower level that consists of text and HTML elements that mark up the text *within* paragraphs. Phrasing content is more restrictive than flow content, since there are many tags, such as block tags, that are not permitted in phrasing content.

Some tags that appear similar at first glance may expect different content models. For example, considering the two types of child elements of the **dl** element:

- the inner HTML of a **dd** element for a definition description can be any flow content, but
- the inner HTML of a **dt** element for a definition term is restricted to phrasing content only

Therefore, a **dt** element in a definition list should not contain any block tags such as a <p> paragraph tag or <hr/> tag.

back to top

List of HTML tags by category

The <dfn>category</dfn> of an HTML tag indicates where the tag can be used.

HTML Content - Category: *none*

- <?xml?> declaration
- <?xml-stylesheet?> instruction
- DOCTYPE declaration

- <html>
- <head>
- <body>

HTML Content - Category: Metadata Content

These HTML elements can be used *only* where metadata content is allowed, such as in the content of a head element.

- <base/>
-
- <link rel="..."/>
- <meta http-equiv="..." .../>
- <meta name="..." .../>
- <noscript>... metadata content ...</noscript>
- <script>
- <style>
- <title>

HTML Content - Category: Flow Content

<dfn>Flow content</dfn> in HTML is made up of flow elements, phrasing content and text content, possibly interspersed with HTML comments and/or white space.

These HTML elements can be used *only* in HTML code where flow content is allowed, with some additional restrictions in specific cases. In addition, text and HTML elements categorized as phrasing content can *also* be used where flow content is expected.

- ... flow content ...
- <address>
- <article>
- <aside>
- <blockquote>
- <canvas>
- ~~... flow content ...~~
- <details>
- <div>
- <dl>
- <fieldset>
- <figure>
- <footer>
- <form>
- <h*n*> heading tags
- <header>

- <hgroup>
- <hr/>
- <ins>... flow content ...</ins>
- <map>... flow content ...</map>
- <menu>
- <nav>
- <noscript>... flow content ...</noscript>
-
- <p>
- <pre>
- <section>
- <table>
-

HTML Content - Category: Phrasing Content

<dfn>Phrasing content</dfn> in HTML is made up of text content, embedded content elements and phrasing elements, possibly interspersed with HTML comments and/or white space.

These HTML elements are allowed to be used in HTML code where either flow content is expected or phrasing content is expected, with some possible restrictions in specific cases.

- <audio>
- <canvas>
- <embed/>
- <iframe/>
- <img/>
- <math>
- <object>
- <svg>
- <video>

- ... phrasing content ...
- <abbr>
- <b>
- <bdi>
- <bdo>
-
- <button>
- <cite>
- <code>

-
- <datalist>
- ~~... phrasing content ...~~
-
- <dfn>
- <em>
- <i>
- <input>
- <ins>... phrasing content ...</ins>
- <kbd>
-
- <label>
- <link itemprop="..." .../>
- <mark>
- <map>... phrasing content ...</map>
- <map><area/>...</map>
- <meta itemprop="..." .../>
- <meter>
- <noscript>... phrasing content ...</noscript>
-
- <progress>
- <p>
- <ruby>
- <s>
- <samp>
- <script>
- <select>
- <small>
- <span>
- <strong>
- <sub>
- <sup>
- <textarea>
- <time>
- <u>
- <var>
- <wbr/>

Content Models

List of HTML tags by content model

The <dfn>content model</dfn> of an HTML element specifies what HTML code can appear inside the element.

HTML Elements - Content Model: Void

These [HTML elements](#) are not allowed to have any content, not even [HTML comments](#) and therefore are coded using the self-closing [standalone tag](#) syntax (ending with the delimiter string `/>` rather than just `>`).

- [<area/>](#)
- [<base/>](#)
- [
](#)
- [<col/>](#)
- [<command/>](#)
- [<device/>](#)
- [<embed/>](#)
- [<hr/>](#)
- [<img/>](#)
- [<input>](#)
- [<keygen/>](#)
- [<link/>](#)
- [<meta/>](#)
- [<param/>](#)
- [<source/>](#)
- [<wbr/>](#)

HTML Elements - Content Model: Empty

These [HTML elements](#) expect content consisting of nothing other than possibly [HTML comments](#) and white space.

- [<iframe/>](#)

HTML Elements - Content Model: Text Content

These [HTML elements](#) expect content consisting of nothing other than text and possibly [HTML comments](#) and white space.

- [<title>](#)

HTML Elements - Content Model: Transparent Content

The [inner HTML](#) of these [HTML elements](#) [can include flow content elements](#) when used where [flow content is allowed](#) but is restricted to [phrasing content](#) when used where

phrasing content is expected. In some cases, these elements can even contain metadata content when used where metadata content is expected.

- <a href="...">
- <audio>
- <canvas>
- <del>
- <ins>
- <map>
- <noscript>
- <object>
- <video>

HTML Elements - Content Model: Metadata Content

These HTML elements expect content consisting of metadata content.

- <head>

HTML Elements - Content Model: Flow Content

These HTML elements expect content consisting of flow content or have a transparent content model that allows flow content when used where flow content is allowed.

- <a href="..."> in flow content
- <address>
- <article>
- <aside>
- <audio> in flow content
- <blockquote>
- <body>
- <canvas> in flow content
- <del> in flow content
- <details>
- <div>
- <dl>
- <fieldset>
- <figure>
- <footer>
- <form>
- <header>
- <ins> in flow content
- <map> in flow content

- <menu>
- <nav>
- <noscript> in flow content
- <object> in flow content
-
- <p>
- <pre>
- <section>
- <table>
-
- <video> in flow content

HTML Elements - Content Model: Phrasing Content

These HTML elements restrict the inner HTML of the element to phrasing content or have a transparent content model that is restricted to phrasing content when used where phrasing content is expected.

- ... phrasing content ...
- <abbr>
- <audio>... phrasing content ...</audio>
- <b>
- <bdi>
- <bdo>
- <button>
- <canvas>... phrasing content ...</canvas>
- <cite>
- <code>
- ~~... phrasing content ...~~
- <datalist>
- <dfn>
- <em>
- <hn> heading tags
- <i>
- <ins>... phrasing content ...</ins>
- <kbd>
- <label>
- <mark>
- <map>... phrasing content ...</map>
- <math>

- [<meter>](#)
- [<noscript>... phrasing content ...</noscript>](#)
- [<object>... phrasing content ...</object>](#)
- [<output>](#)
- [<progress>](#)
- [<p>](#)
- [<ruby>](#)
- [<s>](#)
- [<samp>](#)
- [<script>](#)
- [<select>](#)
- [<small>](#)
- [<span>](#)
- [<strong>](#)
- [<sub>](#)
- [<sup>](#)
- [<svg>](#)
- [<textarea>](#)
- [<time>](#)
- [<u>](#)
- [<var>](#)
- [<video>... phrasing content ...</video>](#)

[back to top](#)

THE END