# HTML5: Kinds of content

Table of Contents

[HTML5: Kinds of content 1](#_Toc292695499)

[Metadata content 2](#_Toc292695500)

[Flow content 3](#_Toc292695501)

[Sectioning content 4](#_Toc292695502)

[Heading content 4](#_Toc292695503)

[Phrasing content 5](#_Toc292695504)

[Embedded content 6](#_Toc292695505)

[Interactive content 6](#_Toc292695506)

[Block elements: 7](#_Toc292695507)

[Inline elements: 8](#_Toc292695508)

[Resources: 8](#_Toc292695509)

Each element in HTML falls into zero or more categories that group elements with similar characteristics together:

* Metadata content
* Flow content
* Sectioning content
* Heading content
* Phrasing content
* Embedded content
* Interactive content

## Metadata content

Metadata content is content that sets up the presentation or behavior of the rest of the content, or that sets up the relationship of the document with other documents, or that conveys other "out of band" information.

Elements:

base  
command  
link  
meta  
noscript  
script  
style  
title

## 

## Flow content

Most elements that are used in the body of documents and applications are categorized as flow content.

Elements:

|  |  |  |
| --- | --- | --- |
| a  abbr  address  area (if it is a descendant of a map element)  article  aside  audio  b  bdi  bdo  blockquote  br  button  canvas  cite  code  command  datalist  del  details  dfn  div  dl  em  embed  fieldset  figure  footer  form  h1 | h2  h3  h4  h5  h6  header  hgroup  hr  i  iframe  img  input  ins  kbd  keygen  label  link (if the itemprop attribute is present)  map  mark  math  menu  meta (if the itemprop attribute is present)  meter  nav  noscript  object  ol  output  p | pre  progress  q  ruby  s  samp  script  section  select  small  span  strong  style (if the scoped attribute is present)  sub  sup  svg  table  textarea  time  u  ul  var  video  wbr  Text |

## Sectioning content

Sectioning content is content that defines the scope of headings and footers.

Elements:

article  
aside  
nav  
section

## Heading content

Heading content defines the header of a section (whether explicitly marked up using sectioning content elements, or implied by the heading content itself).

Elements:

h1  
h2  
h3  
h4  
h5  
h6  
hgroup

## Phrasing content

Phrasing content is the text of the document, as well as elements that mark up that text at the intra-paragraph level.

Elements:

|  |  |
| --- | --- |
| a (if it contains only phrasing content)  abbr  area (if it is a descendant of a map element)  audio  b  bdi  bdo  br  button  canvas  cite  code  command  datalist  del (if it contains only phrasing content)  dfn  em  embed  i  iframe  img  input  ins (if it contains only phrasing content)  kbd  keygen  label  link (if the itemprop attribute is present)  map (if it contains only phrasing content) | mark  math  meta (if the itemprop attribute is present)  meter  noscript  object  output  progress  q  ruby  s  samp  script  select  small  span  strong  sub  sup  svg  textarea  time  u  var  video  wbr  Text |

## Embedded content

Embedded content is content that imports another resource into the document, or content from another vocabulary that is inserted into the document.

Elements:

audio  
canvas  
embed  
iframe  
img  
math  
object  
svg  
video

## Interactive content

Interactive content is content that is specifically intended for user interaction.

Elements:

a  
audio (if the controls attribute is present)  
button  
details  
embed  
iframe  
img (if the usemap attribute is present)  
input (if the type attribute is not in the Hidden state)  
keygen  
label  
menu (if the type attribute is in the toolbar state)  
object (if the usemap attribute is present)  
select  
textarea  
video (if the controls attribute is present)

**Inline and Block elements**

### Block elements:

| **Selector** | **HTML Use** | **Selector** | **HTML Use** |
| --- | --- | --- | --- |
| article | Article Content | header | Section or Page Header |
| aside | Aside Content | hgroup | Groups Header Information |
| blockquote | Long Quotation | hr | Horizontal Rule |
| body | Page Body | li | List Item |
| br | Line Break | map | Image Map |
| button | Push Button | object | Object Embedding |
| canvas | Draw Area | ol | Ordered List |
| caption | Table Caption | output | Form Output |
| col | Table Column | p | Paragraph |
| colgroup | Group of Table Columns | pre | Preformatted Text |
| dd | Definition Description | progress | Displays progress of time consuming task |
| div | Division | section | Section in Web page |
| dl | Definition List | table | Table |
| dt | Definition Term | tbody | Table Body |
| embed | External Content | textarea | Form Text Input Area |
| fieldset | Fieldset Label | tfoot | Table Footer |
| figcaption | Figure Caption | th | Table Header |
| figure | Groups Media Content and Caption | thead | Table Header |
| footer | Section or page footer | tr | Table Row |
| form | Input Form | ul | Unordered List |
| h1–6 | Heading Levels 1–6 | video | Video player |

### Inline elements:

| **Selector** | **HTML Use** | **Selector** | **HTML Use** |
| --- | --- | --- | --- |
| a | Anchored Link | label | Label for Form Element |
| abbr | Abbreviation | legend | Title in Fieldset |
| address | A Physical Address | link | Resource Reference |
| area | Area in Image Map | mark | Marked Rext |
| audio | Sound Content | meter | Measurement Range |
| b | Bold text | nav | Navigation Links |
| cite | Short Citation | optgroup | Group of Form Options |
| code | Code Text | option | An Option in a Drop-down List |
| del | Deleted Text | q | Short Quote |
| details | Details of an Element | small | Small Print |
| dfn | Defined Term | select | Selectable List |
| command | Command Button | source | Media resource |
| datalist | Drop-down List | span | Localized Style Formatting |
| Em | Emphasis | strong | Strong Emphasis |
| font | Font Appearance | sub | Subscript |
| i | Italic | summary | Details Header |
| iframe | Inline sub-window | sup | Superscript |
| img | Image Embedding | tbody | Table Body |
| input | Input Field | td | Table Data |
| ins | Inserted Text | time | Date/Time |
| kbd | Keyboard Text | var | Variable |

## Resources:

* **HTML - Living Standard**(<http://www.whatwg.org/specs/web-apps/current-work/>)
* **Inline Elements List and What’s New in HTML5**  
  (<http://www.tutorialchip.com/html/inline-elements-list-whats-new-in-html5/>)
* **HTML5 Block Level Elements: Complete List**  
  (<http://www.tutorialchip.com/html/html5-block-level-elements-complete-list/>)