

## SELECTED HTML 4 Elements

This document is a condensed version of this [HTML 4 reference](#). It is modified under the terms of the Open Publication License, (the latest version is presently available at <http://www.opencontent.org/openpub/>). This derivative work is copyrighted by Scott D. Anderson, and is released under the Open Publication License. The changes are primarily to condense it, omitting tags not covered in CS110, and putting in typical attributes and values. Changes by [Scott D. Anderson](#)

### Common Attributes

Essentially every tag supports the following common attributes:

- ID - specify a unique identity or label for this element, used for CSS, for URL fragments, and for accessing element using DOM.
- CLASS - specify a style sheet for this element and elts like it.
- NAME - similar to ID, but an older feature
- JavaScript events, such as **onMouseOver**, **onMouseOut**, **onClick**.

### Top-level Elements

- [HTML](#) - HTML document
  - [HEAD](#) - Document head
  - [BODY](#) - Document body. Can support an **onload** event handler

### Head Elements

- [LINK](#) - Document relationship (to external style sheet). Attributes: SRC="*URL*" REL="stylesheet"
- [META](#) - Metadata, such as keywords, description, author, and so forth. Attributes: NAME="*type*" CONTENT="*value*"
- [SCRIPT](#) - Client-side script. Attributes: TYPE="text/JavaScript" also SRC="URL"
- [STYLE](#) - Embedded style sheet. Attributes: TYPE="text/css"
- [TITLE](#) - Document title

### Generic Block-level Elements

- [BLOCKQUOTE](#) - Block quotation
- [DIV](#) - Generic block-level container
- [H1](#) - [H6](#) - Levels of heading
- [HR](#) - Horizontal rule (a “rule” is a line across an element)
- [P](#) - Paragraph. Closing tag is optional.
- [PRE](#) - Preformatted text, usually in a **monospace typewriter font**

### Lists

- [LI](#) - List item. Closing tag is optional.
- [OL](#) - Ordered list, so items are numbered, lettered or whatever

- [UL](#) - Unordered list, elements are given bullets of some sort

## Tables

The following attributes apply to many of the tags below: CELLSPACING, CELLPADDING, WIDTH, and HEIGHT. All values are a length (in pixels) or a percentage. Another common attribute is BGCOLOR, whose value is a color. But it's usually better to use CSS.

- [TABLE](#) - Table. Attributes: BORDER="*length*" SUMMARY="*text*"
  - [CAPTION](#) - Table caption, typically is centered above the table
  - [TR](#) - Table row
    - [TD](#) - Table data cell
    - [TH](#) - Table header cell

## Forms

- [FORM](#) - Interactive form. Attributes: NAME="*DOM identifier*" METHOD="post" ACTION="*url of CGI script*" onSubmit="*event handler*"
  - [BUTTON](#) - Button. Attributes: VALUE="*text in the button*" **onClick**="*JavaScript code*"
  - [INPUT](#) - Form input. Attributes: TYPE="*kind of input*" NAME="*DOM identifier*" VALUE="*form data*"  
Types include "text", "hidden", "radio", "checkbox", and "button"
  - [LABEL](#) - Form field label. Attribute is FOR="*idref*"
  - [SELECT](#) - Option selector
    - [OPTION](#) - Menu option. Attribute VALUE="form data"
  - [TEXTAREA](#) - Multi-line text input. Attributes: ROWS="*number*" COLS="*number*"

## Inline Elements

- [A](#) - Anchor or hyperlink. Attributes: href="*url*"
- [BR](#) - Line break
- [IMG](#) - Inline image. Attributes: SRC="*url*" ALT="*text*"
- [Q](#) - Short quotation
- [SCRIPT](#) - Client-side script. Attributes same as when it's in the head
- [SPAN](#) - Generic inline container
- [EM](#) - Emphasis, typically done in italics
- [STRONG](#) - Strong emphasis, typically in a bold font weight

Maintained by [Scott D. Anderson](#) <[scott.anderson@acm.org](mailto:scott.anderson@acm.org)>