

# WEBSITE AUTHORIZING

## HTML Tags List

This list provides an overview of the most common HTML tags grouped by their purpose. It serves as a guide for beginners learning website authoring with HTML and CSS.

### 1. Basic Structure Tags

Tag	Description
<!DOCTYPE html>	Declares the document type (HTML5).
<html>	Root element of the HTML document.
<head>	Contains meta-information about the document.
<title>	Sets the title shown in the browser tab.
<body>	Contains the visible content of the web page.

### 2. Text Formatting Tags

Tag	Description
<h1> to <h6>	Headings (h1 is the largest, h6 the smallest).
<p>	Defines a paragraph.
<b> / <strong>	Bold text or emphasized importance.
<i> / <em>	Italic text or emphasized importance.
<u>	Underlines text.
 	Inserts a line break.
<hr>	Inserts a horizontal line (divider).
<mark>	Highlights text.
<small>	Makes text smaller.

### 3. Links and Media

Tag	Description
<a>	Creates a hyperlink.
<img>	Embeds an image.
<video>	Embeds a video.
<audio>	Embeds an audio file.
<source>	Defines media resources for <video> or <audio>.
<iframe>	Embeds another webpage inside the current page.

### 4. Lists

Tag	Description
<ul>	Unordered (bulleted) list.
<ol>	Ordered (numbered) list.
<li>	List item.
<dl>	Description list.
<dt>	Term in a description list.
<dd>	Description of the term.

### 5. Tables

Tag	Description
<table>	Creates a table.
<tr>	Table row.
<th>	Table header cell.
<td>	Table data cell.
<caption>	Table caption.

<thead> / <tbody> / <tfoot> Define sections of a table.

## 6. Layout and Grouping

Tag	Description
<div>	Defines a block container.
<span>	Defines an inline container.
<header>	Header section of a page or article.
<nav>	Navigation links.
<section>	A section of content.
<article>	Independent piece of content.
<aside>	Sidebar content.
<footer>	Footer section.
<main>	Main content area.

## 7. Forms and Input

Tag	Description
<form>	Creates a form.
<input>	Input field (text, number, checkbox, etc.).
<textarea>	Multi-line text input.
<label>	Label for a form control.
<button>	Clickable button.
<select>	Drop-down menu.
<option>	Option inside a <select>.
<fieldset>	Groups related form elements.
<legend>	Caption for a <fieldset>.

## 8. Metadata and Scripting

Tag	Description
<meta>	Provides metadata (like charset or description).
<link>	Links to external files (like CSS).
<style>	Internal CSS styling.
<script>	Adds JavaScript code.

## 9. Semantic Tags (HTML5)

Tag	Description
<figure>	Groups media and captions.
<figcaption>	Caption for a <figure>.
<time>	Represents time/date.
<progress>	Displays progress bar.
<meter>	Displays measurement within a range.