**HTML Block and Inline Elements**

Depending on the type of element, every HTML element has a default display value.

Block and inline are the two display options.

**Block-level Elements**

Every block-level element begins on a new line.

A block-level element always occupies the entire available width (stretches out to the left and right as far as it can).

An inline element does not have a top or bottom margin, whereas a block level element does.

A block-level element is the div> element.

Example

<div>Hello World</div>

Here are the block-level elements in HTML:

[<address>](https://www.w3schools.com/tags/tag_address.asp) [<article>](https://www.w3schools.com/tags/tag_article.asp) [<aside>](https://www.w3schools.com/tags/tag_aside.asp) [<blockquote>](https://www.w3schools.com/tags/tag_blockquote.asp) [<canvas>](https://www.w3schools.com/tags/tag_canvas.asp) [<dd>](https://www.w3schools.com/tags/tag_dd.asp) [<div>](https://www.w3schools.com/tags/tag_div.asp)

[<dl>](https://www.w3schools.com/tags/tag_dl.asp) [<dt>](https://www.w3schools.com/tags/tag_dt.asp) [<fieldset>](https://www.w3schools.com/tags/tag_fieldset.asp) [<figcaption>](https://www.w3schools.com/tags/tag_figcaption.asp) [<figure>](https://www.w3schools.com/tags/tag_figure.asp) [<footer>](https://www.w3schools.com/tags/tag_footer.asp) [<form>](https://www.w3schools.com/tags/tag_form.asp)

[<h1>-<h6>](https://www.w3schools.com/tags/tag_hn.asp) [<header>](https://www.w3schools.com/tags/tag_header.asp) [<hr>](https://www.w3schools.com/tags/tag_hr.asp) [<li>](https://www.w3schools.com/tags/tag_li.asp) [<main>](https://www.w3schools.com/tags/tag_main.asp) [<nav>](https://www.w3schools.com/tags/tag_nav.asp) [<noscript>](https://www.w3schools.com/tags/tag_noscript.asp)

[<ol>](https://www.w3schools.com/tags/tag_ol.asp) [<p>](https://www.w3schools.com/tags/tag_p.asp) [<pre>](https://www.w3schools.com/tags/tag_pre.asp) [<section>](https://www.w3schools.com/tags/tag_section.asp) [<table>](https://www.w3schools.com/tags/tag_table.asp) [<tfoot>](https://www.w3schools.com/tags/tag_tfoot.asp) [<ul>](https://www.w3schools.com/tags/tag_ul.asp) [<video>](https://www.w3schools.com/tags/tag_video.asp)

**Inline Elements**

The first line of an inline element does not begin on a new line.

An inline element takes up only as much space as is required.

Within a paragraph, there is a span> element.

Example

<span>Hello World</span>

Here are the inline elements in HTML:

[<a>](https://www.w3schools.com/tags/tag_a.asp) [<abbr>](https://www.w3schools.com/tags/tag_abbr.asp) [<acronym>](https://www.w3schools.com/tags/tag_acronym.asp) [<b>](https://www.w3schools.com/tags/tag_b.asp) [<bdo>](https://www.w3schools.com/tags/tag_bdo.asp) [<big>](https://www.w3schools.com/tags/tag_big.asp) [<br>](https://www.w3schools.com/tags/tag_br.asp) [<button>](https://www.w3schools.com/tags/tag_button.asp) [<cite>](https://www.w3schools.com/tags/tag_cite.asp)

[<code>](https://www.w3schools.com/tags/tag_code.asp) [<dfn>](https://www.w3schools.com/tags/tag_dfn.asp) [<em>](https://www.w3schools.com/tags/tag_em.asp) [<i>](https://www.w3schools.com/tags/tag_i.asp) [<img>](https://www.w3schools.com/tags/tag_img.asp) [<input>](https://www.w3schools.com/tags/tag_input.asp) [<kbd>](https://www.w3schools.com/tags/tag_kbd.asp) [<label>](https://www.w3schools.com/tags/tag_label.asp) [<map>](https://www.w3schools.com/tags/tag_map.asp)

[<object>](https://www.w3schools.com/tags/tag_object.asp) [<output>](https://www.w3schools.com/tags/tag_output.asp) [<q>](https://www.w3schools.com/tags/tag_q.asp) [<samp>](https://www.w3schools.com/tags/tag_samp.asp) [<script>](https://www.w3schools.com/tags/tag_script.asp) [<select>](https://www.w3schools.com/tags/tag_select.asp) [<small>](https://www.w3schools.com/tags/tag_small.asp) [<span>](https://www.w3schools.com/tags/tag_span.asp)

[<strong>](https://www.w3schools.com/tags/tag_strong.asp) [<sub>](https://www.w3schools.com/tags/tag_sub.asp) [<sup>](https://www.w3schools.com/tags/tag_sup.asp) [<textarea>](https://www.w3schools.com/tags/tag_textarea.asp) [<time>](https://www.w3schools.com/tags/tag_time.asp) [<tt>](https://www.w3schools.com/tags/tag_tt.asp) [<var>](https://www.w3schools.com/tags/tag_var.asp)

**Note:** An inline element cannot contain a block-level element!

**The <div> Element**

The <div> element is frequently used to hold other HTML elements.

Although there are no required attributes for the <div> element, it is common to use style, class, and id.

The <div> element can be used to style content blocks when combined with CSS.

Example

<div style="background-color:black;color:white;padding:20px;">  
  <h2>London</h2>  
  <p>London is the capital city of England. It is the most populous city in the United Kingdom, with a metropolitan area of over 13 million inhabitants.</p>  
</div>

**The <span> Element**

The span> element is an inline container that can be used to mark up a section of text or a document.

There are no required attributes for the span> element, but style, class, and id are common.

The span> element can be used to style parts of the text when combined with CSS.

Example

<p>My mother has <span style="color:blue;font-weight:bold">blue</span> eyes and my father has <span style="color:darkolivegreen;font-weight:bold">dark green</span> eyes.</p>

**Chapter Summary**

* There are two display values: block and inline
* A block-level element always starts on a new line and takes up the full width available
* An inline element does not start on a new line and it only takes up as much width as necessary
* The <div> element is a block-level and is often used as a container for other HTML elements
* The <span> element is an inline container used to mark up a part of a text, or a part of a document

HTML Tags

|  |  |
| --- | --- |
| **Tag** | **Description** |
| [<div>](https://www.w3schools.com/tags/tag_div.asp) | Defines a section in a document (block-level) |
| [<span>](https://www.w3schools.com/tags/tag_span.asp) | Defines a section in a document (inline) |