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# HTML Block and Inline Elements

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Every HTML element has a default display value depending on what type of element it is. The default display value for most elements is block or inline.

## Block-level Elements

A block-level element always starts on a new line and takes up the full width available (stretches out to the left and right as far as it can).

The `<div>` element is a block-level element.

### Example

```
<div>Hello</div>
<div>World</div>
```

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Block level elements in HTML:

<code>&lt;address&gt;</code>	<code>&lt;article&gt;</code>	<code>&lt;aside&gt;</code>	<code>&lt;blockquote&gt;</code>	<code>&lt;canvas&gt;</code>
<code>&lt;dd&gt;</code>	<code>&lt;div&gt;</code>	<code>&lt;dl&gt;</code>	<code>&lt;dt&gt;</code>	<code>&lt;fieldset&gt;</code>
<code>&lt;figcaption&gt;</code>	<code>&lt;figure&gt;</code>	<code>&lt;footer&gt;</code>	<code>&lt;form&gt;</code>	<code>&lt;h1&gt;-&lt;h6&gt;</code>
<code>&lt;header&gt;</code>	<code>&lt;hr&gt;</code>	<code>&lt;li&gt;</code>	<code>&lt;main&gt;</code>	<code>&lt;nav&gt;</code>

<code>&lt;noscript&gt;</code>	<code>&lt;ol&gt;</code>	<code>&lt;output&gt;</code>	<code>&lt;p&gt;</code>	<code>&lt;pre&gt;</code>
<code>&lt;section&gt;</code>	<code>&lt;table&gt;</code>	<code>&lt;tfoot&gt;</code>	<code>&lt;ul&gt;</code>	<code>&lt;video&gt;</code>

## Inline Elements

An inline element does not start on a new line and only takes up as much width as necessary.

This is an inline `<span>` element inside a paragraph.

### Example

```
<span>Hello</span>
<span>World</span>
```

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Inline elements in HTML:

<code>&lt;a&gt;</code>	<code>&lt;abbr&gt;</code>	<code>&lt;acronym&gt;</code>	<code>&lt;b&gt;</code>	<code>&lt;bdo&gt;</code>
<code>&lt;big&gt;</code>	<code>&lt;br&gt;</code>	<code>&lt;button&gt;</code>	<code>&lt;cite&gt;</code>	<code>&lt;code&gt;</code>
<code>&lt;dfn&gt;</code>	<code>&lt;em&gt;</code>	<code>&lt;i&gt;</code>	<code>&lt;img&gt;</code>	<code>&lt;input&gt;</code>
<code>&lt;kbd&gt;</code>	<code>&lt;label&gt;</code>	<code>&lt;map&gt;</code>	<code>&lt;object&gt;</code>	<code>&lt;q&gt;</code>
<code>&lt;samp&gt;</code>	<code>&lt;script&gt;</code>	<code>&lt;select&gt;</code>	<code>&lt;small&gt;</code>	<code>&lt;span&gt;</code>
<code>&lt;strong&gt;</code>	<code>&lt;sub&gt;</code>	<code>&lt;sup&gt;</code>	<code>&lt;textarea&gt;</code>	<code>&lt;time&gt;</code>
<code>&lt;tt&gt;</code>	<code>&lt;var&gt;</code>			

## The `<div>` Element

The `<div>` element is often used as a container for other HTML elements.

The `<div>` element has no required attributes, but `style`, `class` and `id` are common.

When used together with CSS, the `<div>` element can be used to style blocks of content:

### 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>
```

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## The <span> Element

The `<span>` element is often used as a container for some text.

The `<span>` element has no required attributes, but `style`, `class` and `id` are common.

When used together with CSS, the `<span>` element can be used to style parts of the text:

### Example

```
<h1>My <span style="color:red">Important</span> Heading</h1>
```

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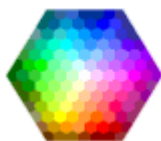
## HTML Grouping Tags

Tag	Description
<code>&lt;div&gt;</code>	Defines a section in a document (block-level)
<code>&lt;span&gt;</code>	Defines a section in a document (inline)

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