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HTML Cheat Sheet

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Last Updated 26 May, 2022

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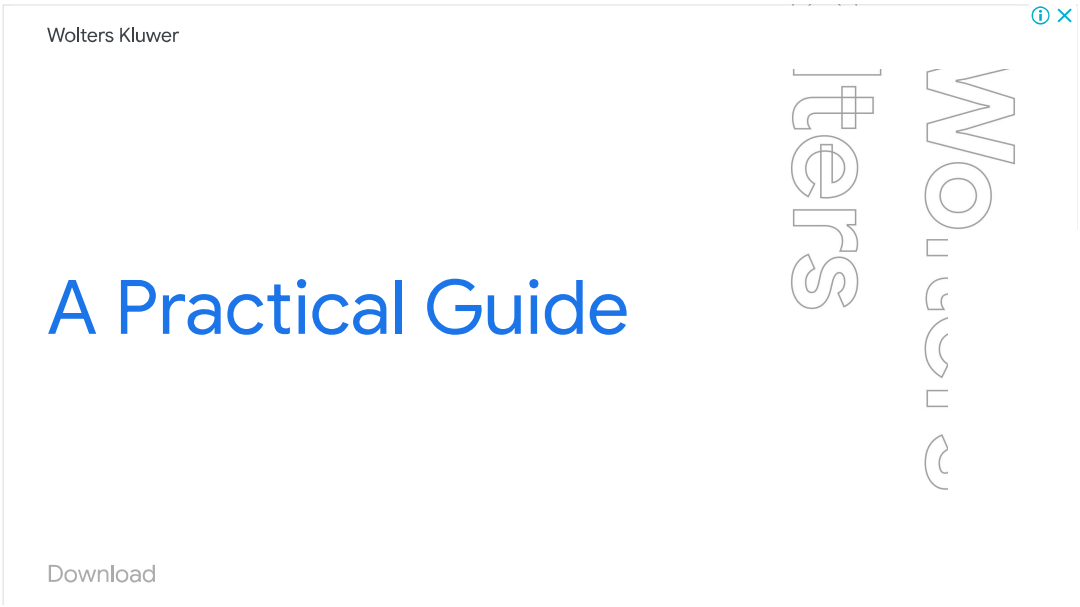
HTML stands for Hyper Text Mark-up Language

Used for: creating web pages (https://en.wikipedia.org/wiki/Web_page) (documents) that are displayed on the World Wide Web (https://en.wikipedia.org/wiki/World_Wide_Web) (websites). The pages can be a mix of text, images, videos, and other elements. It can be created with: notepad, TextPad or any text editors.



Saved as: .html files

HTML Cheat Sheet

Here we are sharing with you the complete HTML Cheat Sheet:

Basic structure

```
<!DOCTYPE html>
<html>
 <head>
 <title></title>
 </head>
 <body>
 body tags and main content
 </body>
</html>
```

The main elements in HTML are the tags. Tags structure and present the data in different forms.

Heading

```
<h1>Heading 1</h1>
<h2>Heading 2 </h2>
<h3>Heading 3</h3>
```

```
Attribute ‘style’ can be used with <p> to display the text inside <p> in a specific manner. For example,
<p style = "color:blue">I will appear blue</p>
<p style = "background-color:blue">Highlighting as blue</p>
<br> line break
```

Span

Span tag is used for styling inline elements.

```
<span style = “color:green”> Address </span>
```

- prints the word ‘Address’ in the specified color (here green). The style attribute is used to style HTML elements.

Characters

- ** –** space (non-breaking)
- **" -** add quotation mark (“)
- **< -** less than symbol (<)
- **> -** greater than symbol (>)
- **& -** the ‘&’ or ampersand symbol
- **© -** copyright symbol
- **™ -** trademark symbol

Formatting

- Bold text
- *Italic text*
- <u>*underlined text*</u>
- <mark>I am highlighted in yellow</mark>- marks the text in yellow. If other colors are needed, span is used.

- I am highlighted in pink
- I am strong - give emphasis to a particular text; mostly bold

ed. Attributes of <font> -

ourier New

(eg. #FF000F) or text (eg.red)

t size

- <strike>Strike that out</strike> - strikeout the text inside the tag
- - superscript (text above the normal text like exponential numbers)
- - subscript
- - emphasis
- <pre></pre> - preformatted text
- <tt></tt> - typewriter text

Body

<body> - the main content lies in the body. Inside <body> there can be many sections. **Attributes –**

- **background="" -** Background Image source; can be left empty if no image
- **bgcolor="" -** Background Colour in hex value
- **text="" -** page text color

- **link="" -** Link Colour
- **alink="" -** Active (current) Link Colour
- **vlink="" -** Visited Link Colour
- **bgproperties="" -** Background Properties. A value of "fixed" means non-scrolling watermark
- **topmargin="?" -** Top Margin Size in Pixels
- **leftmargin="" -** Side Margin Size in Pixels

Metadata

<meta> tag is a part of **<head>** and describes information about data. Most common use of metadata is by search engines for keywords. **<meta charset = "UTF-8"> -** most common character set **Attributes –**

- **name** = “” – can be name like keyword, author, description etc…
- **content** = “” – the value corresponding to above names

gs are very common when multiple sub-sections are required

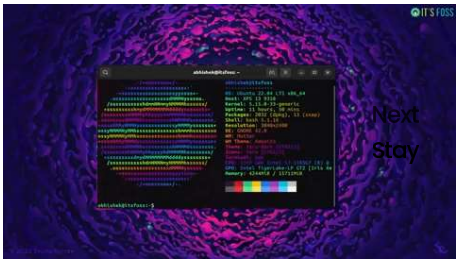
<hr> has the following attributes –

- <hr size = “” width = “”/width = “%” color = “” align = “left/center/right”>
- **size –** thickness of the line in pixels
- **width –** in pixels or percentage (any one)
- **color –** color in hex value
- **align –** alignment; left, right or center

Tables

```
<table>
 <tr>
 <td></td>
 <td></td>
 <td></td>
 </tr>
 <tr>
 <td></td>
 <td></td>
 <td></td>
 </tr>
</table>
```

- **<table> -** creates a table,



- **<td> -** creates column,
- **<th> -** creates header columns

<table> attributes –

- **border="" -** Thickness of outside border in pixels
- **bordercolor="" -** Border Colour in hex value
- **cellspacing="" -** Space between each cell in pixels
- **cellpadding="" -** Space between cell border and content
- **align="" -** Horizontal Alignment; left, right, center
- **bgcolor="" -** Background Colour hex value
- **width="" -** Table Width in pixels or %
- **height="" -** Table Height in pixels or %

<td> attributes

- **colspan="" -** Number of columns the cell spans across
- **rowspan="" -** Number of rows cell spans across
- **width="" -** width of cell in pixels or %
- **height="" -** height of cell in pixels or %
- **bgcolor="" –** hex value of background colour for the cell (column)

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- **align="" -** Horizontal Align; left, center, right
- **valign="" -** Vertical Align; top, middle, bottom
- **<colgroup> - i**s used to define attributes for particular columns of the table.

Example –

```
<colgroup>
 <col span="1" style="background-color:green">
 <col style="background-color:blue">
</colgroup>
```

The first column will be highlighted as green, whereas other columns will be highlighted as blue.

⊗ Forms (HTML Cheat Sheet)

uts, submitting a page, filling a form happen inside this tag. It is a group of related inputs.

<form> tag attributes –

- **action="url" -** destination url upon form submission
- **method="" -** form method - get, post
- **enctype="" -** type of encoding; for file upload it is "multipart/form-data"

<input> tag attributes –

- **type="" -** Mandatory input Field Type: text, password, checkbox, submit and so on.

- **name="" -** Form Field Name (mandatory for form processing)
- **value="" -** value (entered by user) or default value
- **size="" -** field size
- **maxlength="" -** Maximum acceptable length of Input Field data
- **checked -** Mark selected field in checkbox (multi-select) or radio button (single-select)

<select> </select> - Select options from drop-down list **<select> tag Attributes:**

- **name="" -** Drop Down Combo-Box Name; mandatory for form processing
- **size="" - s**ize of the drop-down list
- **multiple -** Allow multiple selections

<option></option> - individual items of the drop-down list **<option> tag Attributes:**

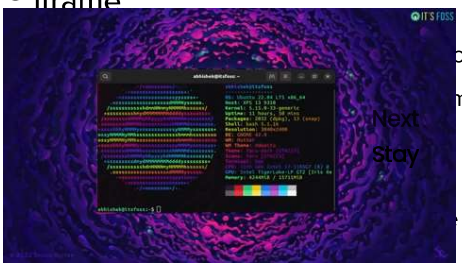
- **value="" -** Option value selected or default value set
- <textarea>lot of text like description </textarea> - Large area for text inputs

<textarea> Tag Attributes:

- **name="" -** Text area name for form processing
- **rows="" -** Number of rows of text shown
- **cols="" -** Number of columns (characters per row)

- **wrap="" -** text wrapping

⊗ iframe



other document within the current document (page) in a frame.

ment to be embedded

defined by 'a' tag – <a></a> **Attributes –**

- **href** = "" **–** the url to be visited when the link is clicked
- **target** = "" **–** specifies where to open the link - _blank (new tab/window), _self (same window/tab), _parent (in the parent frame), framename – open in a particular frame.
- **title** = "" **–** gives information about the element
- **id** = "" **–** to create bookmarks in the page that can be used as value in href attribute.

Examples –

- <a href = "https://hackr.io/">Go to hackr.io</a>

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- <a href = "C:\Users\Public">Open a resource from the given location</a>
- <a href = "#divprop">Reach a div element specified by the name</a>

Styles

For styling, there are many attributes being used with various tags. The attributes are –

```
<style>
 text-align= "" – align text; left, right, center
 background-color = "" – background color of the element
 color="" – for color of texts
 font-family = "" – for various fonts
 font-size = "" size of the font
 border = "" – border thickness and color for a table
</style>
```

These styling elements are put together in a CSS.

Lists

There are two types of lists – ordered and unordered. **<ol></ol> -** ordered list **Attributes –**

- **type=""** – the numbering of the list – A, a, I, 1, i
- **start** = "" **–** starting value

- **<ul></ul> -** unordered list

⊗ **Attributes –**

rcle, disc

Images

<img> - shows the image when page loads **Attributes –**

- **src** =**"sourceofimage" –** source of the image; url or file location; mandatory
- **alt** = **"alternate text" –** alternate text; mandatory
- **align** = **"left/right/center" –** alignment with respect to surrounding items (text)
- **width** = **"" –** in pixels or percentage
- **height** = **"" -** in pixels or percentage
- **border** = **"" –** thickness of the border in pixels

- **hspace** = **"" –** space in pixels on the sides of the image
- **vspace** = **"" –** space in pixels on top and bottom of the image

HTML5 Tags

- **<aside> -** content that is not part of any element, but has to be put alongside the main content
- **<figure> -** any illustration like photos, diagrams, code listing and so on.
- <figcaption> - caption for the <figure> element
- **<header> -** A section's heading (similar to that in MS word), header can have other content like navigation links, forms etc...
- **<footer> -** the content at the bottom of the page/section eg. copyright information, terms and conditions etc...
- **<main> -** the tag is an indicator of where the main content of the page starts
- **<details> -** box with expand/collapse functionality to allow for more text space
- **<summary> -** summary of content of the particular element. Can be description, caption etc...
- **<mark> -** highlight part of a text to give prominence

- **<nav> -** section with navigation links to sections on a page or to other pages
- **<section> -** a particular part (group) on the page, for example, about us or testimonials section of a web page

...e-readable format. It can have date, time, time-zone offset, durations etc...

...efined preset options for input controls

...e) generator for forms. Public key is sent to server when form is submitted, while the private

- **<output> -** result of any calculations
- **<progress> -** indicates task progress through a progress bar
- **<embed> -** embed media from external source
- **<source> -** source for audio or video
- **<audio> -** for music content or sound
- **<video> -** to present a movie or video

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A cheerful, full of life and vibrant person, I hold a lot of dreams that I want to fulfill on my own. My passion for writing started with small diary entries and travel blogs, after which I have moved on to writing well-researched technical content. I find it fascinating to blend thoughts and research and shape them into something beautiful through my writing. View all posts by the Author (https://hackr.io/blog/author/ramyashankar)

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