HTML – EDITORS

**INTRODUCTION :**

* Web pages can be created and modified by using professional HTML editors.
* However, for learning HTML its recommend a simple text editor like Notepad or

(PC) or Text Edit (Mac).

* It is believed that using a simple text editor is a good way to learn HTML.

What is an HTML Editor?

* An HTML editor is **a program for editing HTML, the markup of a web page**. Although the HTML markup in a web page can be controlled with any text editor, specialized HTML editors can offer convenience and added functionality.
* An **HTML editor** is a [program](https://en.wikipedia.org/wiki/Computer_program) for editing [HTML](https://en.wikipedia.org/wiki/HTML), the [markup](https://en.wikipedia.org/wiki/Markup_language) of a [web page](https://en.wikipedia.org/wiki/Web_page). Although the HTML markup in a web page can be controlled with any [text editor](https://en.wikipedia.org/wiki/Text_editor), specialized HTML editors can offer convenience and added functionality. For example, many HTML editors handle not only HTML, but also related technologies such as [CSS](https://en.wikipedia.org/wiki/Cascading_Style_Sheets), [XML](https://en.wikipedia.org/wiki/Extensible_Markup_Language) and [JavaScript](https://en.wikipedia.org/wiki/JavaScript) or [ECMAScript](https://en.wikipedia.org/wiki/ECMAScript). In some cases they also manage communication with remote web servers via [FTP](https://en.wikipedia.org/wiki/File_Transfer_Protocol) and [WebDAV](https://en.wikipedia.org/wiki/WebDAV), and [version control systems](https://en.wikipedia.org/wiki/Version_control_systems) such as [Subversion](https://en.wikipedia.org/wiki/Subversion_(software)) or [Git](https://en.wikipedia.org/wiki/Git_(software)). Many [word processing](https://en.wikipedia.org/wiki/Word_processing), [graphic design](https://en.wikipedia.org/wiki/Graphic_design) and [page layout](https://en.wikipedia.org/wiki/Page_layout) programs that are not dedicated to [web design](https://en.wikipedia.org/wiki/Web_design), such as [Microsoft Word](https://en.wikipedia.org/wiki/Microsoft_Word) or [Quark XPress](https://en.wikipedia.org/wiki/Quark_XPress), also have the ability to function as HTML editors.

**TYPES OF EDITORS:** There are two main varieties of HTML editors: text and [WYSIWYG](https://en.wikipedia.org/wiki/WYSIWYG) (what you see is what you get) editors. ****

**Text editors**

[Text editors](https://en.wikipedia.org/wiki/Text_editors)  with HTML usually provide at least [syntax highlighting](https://en.wikipedia.org/wiki/Syntax_highlighting). Some editors additionally feature [templates](https://en.wikipedia.org/wiki/Template_(file_format)), [toolbars](https://en.wikipedia.org/wiki/Toolbar) and [keyboard shortcuts](https://en.wikipedia.org/wiki/Keyboard_shortcut) to quickly insert common [HTML elements](https://en.wikipedia.org/wiki/HTML_element) and structures.

Text editors commonly used for HTML typically include either built-in functions or integration with external tools for such tasks as [version control](https://en.wikipedia.org/wiki/Version_control), link-checking and [validation](https://en.wikipedia.org/wiki/Validator), [code cleanup and formatting](https://en.wikipedia.org/wiki/HTML_Tidy), spell-checking, uploading by FTP or WebDAV, and structuring as a project. Some functions, such as link checking or validation may use [online tools](https://en.wikipedia.org/wiki/Web_app), requiring a network connection.

Text editors require user understanding of HTML and any other web technologies the designer wishes to use like CSS, JavaScript and [server-side scripting](https://en.wikipedia.org/wiki/Server-side_scripting) languages.

To ease this requirement, some editors allow editing of the markup in more [visually organized](https://en.wikipedia.org/wiki/Graphic_organizer) modes than simple color highlighting, but in modes not considered WYSIWYG.

**EXAMPLES OF TEXT EDITORS**

* 1) Brackets.io.
* 2) Atom.
* 3) Visual Studio Code.
* 4) Sublime Text 3.
* 5) Notepad++
* 6) Vim.
* 7) Komodo Edit.
* 8) Froala.

**WYSIWYG (what you see is what you get)**

WYSIWYG is a system in which [editing](https://en.wikipedia.org/wiki/Editing) software allows content to be edited in a form that resembles its appearance when printed or displayed as a finished product,[[2]](https://en.wikipedia.org/wiki/WYSIWYG" \l "cite_note-2) such as a printed document, web page, or slide presentation.

**WYSIWYG** **editor** or program is one that allows a developer to see what the end result will look like while the interface or document is being created. One of the trade-offs, however, is that an **HTML WYSIWYG editor** sometimes inserts the markup code it thinks is needed all on its own.

The **WYSIWYG** **Editor** allows for a familiar experience of **editing** a page similar to that of many web applications and traditional word processors. The **WYSIWYG editor** allows users to generate HTML content for specific regions on the page, without needing to program in HTML directly.

**EXAMPLES OF WYSIWYG EDITORS**

1. Froala Editor.
2. TinyMCE.
3. Setka Editor.
4. Shorthand.
5. Bubble.
6. Vev.
7. Synap Editor.

**DIFFERENCE BETWEEN TEXT & WYSIWYG EDITOR**

A text editor is a software application that helps edit text.The **more advanced editors** are considered “WYSIWYG.” In other words, you can see how the web page will look live on a web browser. The most advanced rich text editors will allow you to split the screen and see both a code and WYSIWYG view.

**THE HTML EDITOR USED BY US!**

**VISUAL STUDIO CODE**

Visual Studio Code is a source-code editor made by Microsoft for Windows, Linux and macOS. Features include support for debugging, syntax highlighting, intelligent code completion, snippets, code refactoring, and embedded Git.

It is a streamlined code editor with support for development operations like debugging, task running, and version control. It aims to provide just the tools a developer needs for a quick code-build-debug cycle and leaves more complex workflows to fuller featured IDEs, such as Visual Studio IDE. This editor works various computer programs such as C,C++,HTML,Python and java script etc.

