|  |  |  |  |
| --- | --- | --- | --- |
| Name | Markdown | HTML | Appearance in Browser |
| Blockquote | > You can’t beat death, but you can beat death in living. | <blockquote>You can’t beat death, but you can beat death in living.</blockquote> | You can’t beat death, but you can beat death in living. |
| Code | console.log(“wat!”);  `console.log(“wat!”);`  Code blocks are normally indented four spaces or a tab. Inline references can use backticks (``). | Block code produces one of the following:  <pre><code>console.log(“wat!”);</code>  </pre>  <code>console.log(“wat!”);</code> | console.log(“wat!”); |
| Emphasis | \*Emphasize this\* | <em>Emphasize this</em> | Emphasize this |
| Heading 1 | # Top Dog | <h1>Top Dog</h1> | **Top Dog** |
| Heading 2 | ## Second Hare | <h2>Second Hare</h2> | **Second Hare** |
| Heading 3 | ### Third Turtle | <h3>Third Turtle</h3> | **Third Turtle** |
| Horizontal Rule | --- | <hr/> |  |
| HTML inline | Any HTML. | HTML produced should be the same as the markdown source, but the parser may filter out some elements. |  |
| Image | ![logo](/img/logo.png) | <img src=”/img/logo.png” alt=”logo”> |  |
| Link | [Home](http://www.github.com) | <a href=”https://www.github.com”>Home</a> | [Home](http://www.github.com) |
| Ordered List | - Markdown  - HTML | <ol>  <li>Markdown</li><li>HTML</li>  </ol> | 1. Markdown 2. HTML |
| Paragraph | Just a regular paragraph.  Use a blank line to separate one or more lines of text to create a paragraph. | <p>Just a regular paragraph.</p> | Just a regular paragraph. |
| Strong emphasis | \*\*Be bold\*\* | <strong>Be bold</strong> | **Be bold** |
| Unordered List | 1. Markdown  2. HTML | <ul>  <li>Markdown</li><li>HTML</li>  </ul> | * Markdown * HTML |

# Core Markdown

Almost every markdown application supports this syntax, which was outlined in John Gruber’s [original spec](https://daringfireball.net/projects/markdown/syntax)**.** There are some alternative formats for some of the features below, I have chosen the most commonly used format. For a detailed explanation, visit [here](https://github.com/robole/markdown-cheatsheet/wiki).

## Escape characters

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| \  backslash | `  backtick | \*  asterisk | \_  underscore | { }  curly braces | [ ]  square brackets | ( )  parentheses | #  hash | +  plus sign | - hyphen | .  dot | !  exclamation mark |

If you want to see a special markdown character as text in the output, place a **backslash** in front of the character. Characters that can be escaped are:

# Extended Markdown

Not all Markdown applications support extended syntax elements. For a detailed explanation, visit [here](https://github.com/robole/markdown-cheatsheet/wiki).

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Markdown | HTML | Appearance in Browser |
| Code in fenced block | ```  {  "firstName": "John",  "lastName": "Smith",  "age": 25  }  ``` | <code>  {  "firstName": "John",  "lastName": "Smith",  "age": 25  }  </code> | {  "firstName": "John",  "lastName": "Smith",  "age": 25  } |
| Code with syntax highlighting | ```json  {  "firstName": "John",  "lastName": "Smith",  "age": 25  }  ``` | <code>  {  "firstName": "John",  "lastName": "Smith",  "age": 25  }  </code> | {  "firstName": "John",  "lastName": "Smith",  "age": 25  } |
| Definition List | First Term  : This is the definition of the first term.  Type the term on the first line. On the next line, type a colon followed by a space and the definition. | <dl>  <dt>First Term</dt>  <dd>This is the definition of the first term.</dd>  </dl> | **First Term**  This is the definition of the first term. |
| Deleted Text | ~~The world is flat.~~ | <del>The world is flat</del> | ~~The world is flat.~~ |
| Emoji | :cupid:  💘  Shortcodes are delimited by colons. Copying and pasting the character from [emojipedia](https://emojipedia.org) generally works. You can use the Unicode Codepoint in a HTML Entity (&#x1F498;) if you want to be specific. | Depends on parser. Shortcodes are supported by Github, but not everyone. |  |
| Footnote | Here's a simple footnote[^1]  [^1]: My foot! | Depends on parser. |  |
| Heading with id attribute | # Top Dog {custom-id} | <h1 id=”custom-id”>Top Dog</h1> | **Top Dog** |
| Link auto | <https://www.github.com> | <a href=”https://www.github.com”> https://www.github.com</a> | <https://www.github.com> |
| Link auto (disabled) | `https://www.github.com` | https://www.github.com | https://www.github.com |
| Table | Product | Price  ------- | -------------  Porsche 911|$300,000 | <table>  <thead><tr><th>Product</th>  <th>Price</th></tr>  </thead>  <tbody>  <tr><td>Porsche 911</td><td>$300,000</td></tr>  </tbody>  </table> |  |
| Task List | - [x] Write the press release  - [ ] Update the website  - [ ] Contact the media | Depends on parser. |  |

## Escape characters

The pipe character(**|**) can also be escaped, which is required to support tables.

### Application Support of Extended Syntax

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | [Atom](https://atom.io/) | [Github](https://github.github.com/gfm/) | [Notepad++ (MarkdownViewer++ extension)](https://github.com/nea/MarkdownViewerPlusPlus) | [Visual Studio Code](https://code.visualstudio.com/) |
| **Code in fenced block** | Yes. | Yes. | Yes. | Yes. |
| **Code with syntax highlighting** | Yes. | Yes. | No. | Yes. |
| **Definition List** | No. | No. | No. | No. |
| **Deleted Text** | Yes. | Yes | Yes | Yes. |
| **Emoji** | Yes, but doesn’t support the shortcodes. | Yes | No.  View shows nothing, but generated HTML shows emoji that was copied and pasted. | Yes, but doesn’t support the shortcodes. |
| **Footnote** | No. | No. | Yes | No. |
| **Heading with id attribute** | No. | No. | No. | No. |
| **HTML inline** | Yes. | Yes. These elements are removed from output:   <title> <textarea> <style> <xmp> <iframe> <noembed> <noframes> <script> <plaintext> | Yes. | Yes. |
| **Link auto** | Yes. | Yes. | Yes. | Yes. |
| **Link auto (disabled)** | Yes. | Yes. | Yes. | Yes. |
| **Table** | Yes | Yes | Yes | Yes |
| **Task List** | Yes | Yes | Yes | Yes |