

Advanced MD to PDF ⚡

visual-studio-marketplace retired badge

visual-studio-marketplace retired badge

License MIT

Convert Markdown to PDF instantly with a single click. Beautiful GitHub-style formatting with syntax highlighting, **Mermaid diagrams**, **KaTeX math**, **GitHub alerts**, collapsible `<details>`, themes, and smart overflow handling.

🌟 Features

- ⚡ **Super Fast** — Persistent browser instance for near-instant conversions
- 🎨 **Themes** — `github-light`, `github-dark`, and `academic`, plus custom CSS and font overrides
- 📊 **Mermaid Diagrams** — ````mermaid` blocks rendered to crisp vector graphics
- 📐 **Math** — KaTeX inline $\$...\$$ and block $\$...\$$ LaTeX with bundled fonts
- 📌 **GitHub Alerts** — `> [!NOTE]`, `[!TIP]`, `[!IMPORTANT]`, `[!WARNING]`, `[!CAUTION]`
- 📁 **Collapsible Details** — `<details>` blocks are auto-expanded so nothing is hidden
- 🔗 **Smart Links & Overflow** — Working internal anchors, wrapped long code/URLs, fitted wide tables
- 📖 **Rich Markdown** — TOC, footnotes, emoji, task lists, definition lists, sub/sup, `==highlight==`, abbreviations
- 👉 **One-Click** — Convert from title bar, context menu, status bar, or convert a whole folder
- ⌨️ **Keyboard Shortcut** — `Cmd+Alt+P` (Mac) / `Ctrl+Alt+P` (Windows/Linux)
- 📄 **Headers & Footers** — Page numbers, title, date, and file path tokens
- 📄 **PDF Viewer** — View generated PDFs directly in VS Code
- 📄 **Zero-Config Browser** — Auto-detects Chrome/Edge, or downloads Chrome automatically when none is found

📷 Screenshots

Preview

 Feature Preview

See [examples/feature-showcase.md](#) for the source file.

🚀 Usage

Method 1: Title Bar Button

Click the **PDF** button in the editor title bar when viewing a Markdown file.

Method 2: Context Menu

Right-click on a `.md` file in the Explorer or editor and select **MD to PDF: Convert to PDF**.

Method 3: Status Bar

Click the **PDF** button in the status bar when a Markdown file is open.

Method 4: Keyboard Shortcut

Press **Cmd+Alt+P** (Mac) or **Ctrl+Alt+P** (Windows/Linux) while editing a Markdown file.

Method 5: Convert a Folder

Right-click a folder in the Explorer and select **MD to PDF: Convert All Markdown in Folder**.

Settings

Output & layout

Setting	Default	Description
<code>md-to-pdf.openAfterConversion</code>	<code>true</code>	Automatically open PDF after conversion
<code>md-to-pdf.pageFormat</code>	<code>"A4"</code>	A4, Letter, Legal, A3, A5, A6, Tabloid
<code>md-to-pdf.landscape</code>	<code>false</code>	Render pages in landscape orientation
<code>md-to-pdf.scale</code>	<code>1</code>	Render scale (0.1–2) to shrink wide content
<code>md-to-pdf.margins</code>	<code>{...}</code>	Page margins (top, right, bottom, left)
<code>md-to-pdf.onFileExists</code>	<code>"overwrite"</code>	<code>overwrite</code> or <code>newFile</code> (adds a sequence number)
<code>md-to-pdf.outputDirectory</code>	<code>""</code>	Where to write PDFs (relative to the source file, or absolute)
<code>md-to-pdf.viewer</code>	<code>"internal"</code>	<code>system</code> (default app) or <code>internal</code> (VS Code)
<code>md-to-pdf.header</code> / <code>md-to-pdf.footer</code>	<code>{ enabled: false }</code>	Running header/footer; tokens: <code>{title}</code> <code>{date}</code> <code>{pageNumber}</code> <code>{totalPages}</code> <code>{filePath}</code>

Styling

Setting	Default	Description
<code>md-to-pdf.theme</code>	<code>"github-light"</code>	<code>github-light</code> , <code>github-dark</code> , or <code>academic</code>
<code>md-to-pdf.customCss</code>	<code>""</code>	Path to a CSS file appended after the theme
<code>md-to-pdf.fonts</code>	<code>{}</code>	<code>body</code> , <code>mono</code> , and <code>size</code> overrides

Content & rendering

Setting	Default	Description
---------	---------	-------------

Setting	Default	Description
<code>md-to-pdf.mermaid.enabled</code> / <code>md-to-pdf.mermaid.theme</code>	<code>true</code> / <code>"auto"</code>	Render Mermaid diagrams and choose their theme
<code>md-to-pdf.math.enabled</code>	<code>true</code>	Render KaTeX math
<code>md-to-pdf.alerts.enabled</code>	<code>true</code>	Render GitHub-style alerts/callouts
<code>md-to-pdf.toc.enabled</code>	<code>true</code>	<code>[[toc]]</code> / <code>[TOC]</code> and heading anchors
<code>md-to-pdf.emoji</code>	<code>true</code>	Render <code>:emoji:</code> shortcodes
<code>md-to-pdf.extraSyntax</code>	<code>true</code>	Definition lists, sub/sup, <code>==mark==</code> , abbreviations
<code>md-to-pdf.expandDetails</code>	<code>true</code>	Expand <code><details></code> so content is visible
<code>md-to-pdf.embedImages</code>	<code>true</code>	Embed local images as data URIs
<code>md-to-pdf.linkRenderUrls</code>	<code>false</code>	Print the URL after external links
<code>md-to-pdf.codeBlocks.wordWrap</code>	<code>true</code>	Wrap long code lines instead of clipping
<code>md-to-pdf.tables.wide</code>	<code>"wrap"</code>	<code>wrap</code> cells or <code>shrink</code> font for wide tables
<code>md-to-pdf.convertFolder.recursive</code>	<code>false</code>	Include subfolders when converting a folder

Browser

Setting	Default	Description
<code>md-to-pdf.browserPath</code>	<code>""</code>	Explicit Chrome/Chromium/Edge path (auto-detected, then auto-downloaded, if empty)
<code>md-to-pdf.timeout</code>	<code>60000</code>	Max time (ms) to wait while rendering

Example Configuration

```
{
  "md-to-pdf.theme": "github-dark",
  "md-to-pdf.pageFormat": "Letter",
  "md-to-pdf.footer": {
    "enabled": true,
    "template": "{pageNumber} / {totalPages}"
  },
  "md-to-pdf.tables.wide": "shrink",
```

```
"md-to-pdf.linkRenderUrls": true
}
```

Requirements

- **VS Code** 1.85.0 or higher
- **Browser**: Chrome, Chromium, Microsoft Edge, or Brave (automatically detected)

Supported Markdown Features

- ☒ Headings (H1–H6) with anchors and internal links
- ☒ Bold, italic, strikethrough, ==highlight==, sub~script~, super^script^
- ☒ Links (with optional printed URLs) and images (embedded as data URIs)
- ☒ Ordered, unordered, task, and definition lists
- ☒ Code blocks with syntax highlighting (long lines wrap)
- ☒ Tables (wide tables wrap or shrink to fit)
- ☒ Blockquotes and GitHub-style alerts/callouts
- ☒ Collapsible <details> (auto-expanded)
- ☒ Mermaid diagrams and KaTeX math
- ☒ Footnotes, table of contents, emoji, abbreviations
- ☒ Raw HTML, horizontal rules, ASCII diagrams

Known Issues

- Large files (and documents with many Mermaid diagrams) may take longer to convert
- Web fonts referenced only by name must be installed locally to render in the PDF

Release Notes

See [CHANGELOG.md](#) for release notes.

Contributing

Contributions are welcome! Please feel free to submit a Pull Request.

License

This extension is licensed under the [MIT License](#).

Enjoy! If you find this extension useful, please consider leaving a ★ review on the marketplace.