



 **#WPCBG**

The Block What I Wrote

The idea

Produce a Gutenberg code snippet block

The block should display an editable block where the user can write code with syntax highlighting, code completion and linting. Like at [css tricks](#):

There are a variety of "buttons" in HTML. You've got:

HTML

```
<button>Button</button>  
<input type="button" value="Button">
```

Objectives

The code block should do the following:

- Allow user to write a code snippet
- Add colour highlights to the block
- Add code completion and linting (error checking)
- Allow user to change the language
- Allow user to add or remove line numbers

Result

Backend:

The screenshot shows the WordPress Gutenberg editor interface. On the left is a sidebar with navigation options: Dashboard, Posts, All Posts, Add New, Categories, Tags, Media, Pages, Comments, Appearance, Plugins, Users, Tools, Settings, Gutenberg, and Collapse menu. The main content area displays a post titled "Initial Prototype". The text reads: "There are two lists both visually and technically: one is for items that fit in the container, and one for items that don't. Since we'll depend on JavaScript, it's totally fine to have our initial markup with a single list only (we will duplicate it with JS):". Below this text is a code block for HTML markup:

```
Language: htmlmixed
1 <nav class="tabs">
2   <ul class="-primary">
3     <li><a href="...">Falkenberg</a></li>
4     <li><a href="...">Braga</a></li> <!-- ... -->
5   </ul>
6 </nav>
```

Following the code block, the text says: "With a tiny touch of flex-based CSS things are starting to get serious here. I'll skip the decorative CSS properties in my examples here and place here what really matters:". Below this is another code block for CSS:

```
Language: css
1 .tabs .-primary {
2   display: flex;
3 }
```

On the right side of the editor, there is a "Document" settings sidebar with options for Status & Visibility (Public), Publish (2 May 2018 6:34 pm), Post Format (Standard), and Stick to the Front Page (checked). There is also a "29 Revisions" section and a "Table of Contents" section.

Result

Frontend:

Initial Prototype

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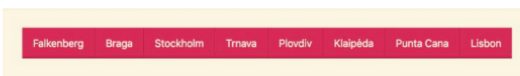
With a tiny touch of flex-based CSS things are starting to get serious here. I'll skip the decorative CSS properties in my examples here and place here what really matters:

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```
1 .tabs .-primary {
2   display: flex;
3 }
4 .tabs .-primary > li {
5   flex-grow: 1;
6 }
```

Here's what we already have:



Links and resources

Code on github:

<https://github.com/BenAttenborough/rba-codeblock>

Zac Gordon's Gutenberg course:

<https://gutenberg.courses/development/>

Code Mirror

<http://codemirror.net/2/>

Gutenberg Code Editor component

<https://github.com/WordPress/gutenberg/tree/master/components/code-editor>