

Brutstrap

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"Brutstrap" is a CSS theme created by emsenn.

Contents

Introduction

This CSS theme is a *draft*: it is unfinished and that should be considered when reading it. Special attention should be paid to text marked DRAFT, EDIT, or TK.

In this document I explain the design philosophy and implementation of my **Brutstrap** CSS theme: one where the webpage, as shown in the browser, is an accurate representation of the HTML document it is displaying.

This CSS theme was created by me, emsenn, in the United States. To the extent possible under law, I have waived all copyright and related or neighboring rights to this document. This document was created for the benefit of the public. If you're viewing it on a remote server, you're encouraged to download your own copy. To learn how you can support me, see <https://emsenn.net/donate>.

Brutstrap

Brutstrap is a CSS theme based on David Bryant Copeland's "Guidelines for Brutalist Web Design," which advocates "*raw content true to its construction*."

Principles

- *The website people see is the website in the HTML file.* As David Bryant Copeland says in his definition, brutalist websites should

be "raw content, true to [their] construction." Here, that means the content is represented as a single column, flowing left to right and top to bottom.

- *Only links, inputs and buttons should respond to interaction.* A website should allow two points of interaction: a hyperlink that brings you to a destination, and form which submits information to a server. Those elements, and only those elements, should respond to being clicked, focused, or hovered-over.
- *Components should be named what they are.* Classes should be named what they are, not what they're for.
- *Design should be helpful.* Styling should be to help reinforce the context that your content has.

Usage

Brutstrap's stylesheet is available at `./build/brutstrap/brutstrap.css`, but please don't hotlink to it. You can also view the stylesheet under the "Complete Stylesheet" section.

Implementation

NOTE: Because I use Org-mode, this CSS is written with rules compatible with its naming scheme.

Document Framing

Body

```
body {  
  position: relative;  
  background-color: #eee;  
  color: #444;  
  font-family: serif;  
  margin: 0 auto;  
  padding-bottom: 6rem;  
  min-height: 100%;  
  font-size: 1.2em;  
}
```

Header & Title

```
header, h1 {
  font-family: sans-serif;
  text-align: center;
  width: 100%;
  overflow: hidden;
  font-family: sans-serif;
}
.title { font-size: 3.2rem; }
.subtitle { font-size: 2.2rem; }
```

Content Container

```
main, #content {
  width: 75vw;
  max-width: 40em;
  margin: 0 0 0 2em;
  line-height: 1.6;
  margin-bottom: 8rem;
}
```

Footer

```
footer, #postamble {
  padding: 1em 0;
  position: absolute;
  right: 0;
  bottom: 0;
  left: 0;
}
```

Block Design

Section

```
section {
  border-bottom: 0.1em solid #444;
  margin-bottom: 1em;
}
```

Blockquote

```
blockquote {
  padding: 0.5rem;
  border-left: 0.1em solid #444;
}
```

Table

```
table {
  border-collapse: collapse;
  border-spacing: 0;
  empty-cells: show;
  border: 0.1em solid #444;
}
thead { font-family: sans-serif; }
td {
  padding: 0 0.3em;
  border: 0.01em solid #444;
}
```

Images

```
img {
  max-width: 80vw;
  vertical-align: middle;
}
```

Typography

Headlines

```
h2, h3, h4, h5, h6, h7, h8, h9, h10 {
  font-family: sans-serif;
  margin: 0.5em;
}
h2, h3 {
  text-align: center;
}
```

Links

```
a {
  text-decoration: none;
  color: #3ac;
  display: inline;
  position: relative;
  border-bottom: 0.1rem dotted;
  line-height: 1.2;
  transition: border 0.3s;
}
a:hover {
  color: #5ce;
  outline-style: none;
  border-bottom: 0.1rem solid;
}
a:visited { color: #b8c; }
a:visited:hover { color: #dae; }
a:focus {
  outline-style: none;
  border-bottom: 0.1rem solid;
}
```

Dictionary Terms

```
dt { font-weight: bold; }
```

State Rules

Selection Rules

```
::selection { background-color: #777; color: #eee; }
a::selection { background-color: #ccc; }
```

Class Rules

Code Block Rules

```
pre, .src {
  padding: 0.5em;
  border: 0.1em solid #444;
  white-space: pre-wrap;
}
```

```
overflow-x: scroll;
text-overflow: clip;
}
```

Acknowledgements

- David Bryant Copeland defined "brutalist web design," inspiring this project.
- Whoever made the motherfucking website.
- Matthew Graybosch, whose variation on the motherfucking website made learning HTML and CSS seem feasible and worthwhile.

Supplements

Document History

Date	Event
2018-07-09	Created first draft
2018-07-11	Added introduction for readers from <i>Hacker News</i>
2018-07-31	Removed introduction for <i>Hacker News</i>
2019-04-29	Re-implemented as a literately-programmed Org-mode file

Example Texts

Complete Stylesheet

```
body {
  position: relative;
  background-color: #eee;
  color: #444;
  font-family: serif;
  margin: 0 auto;
  padding-bottom: 6rem;
  min-height: 100%;
  font-size: 1.2em;
}
header, h1 {
  font-family: sans-serif;
  text-align: center;
  width: 100%;
```

```

    overflow: hidden;
    font-family: sans-serif;
}
.title { font-size: 3.2rem; }
.subtitle { font-size: 2.2rem; }
main, #content {
    width: 75vw;
    max-width: 40em;
    margin: 0 0 0 2em;
    line-height: 1.6;
    margin-bottom: 8rem;
}
footer, #postamble {
    padding: 1em 0;
    position: absolute;
    right: 0;
    bottom: 0;
    left: 0;
}
section {
    border-bottom: 0.1em solid #444;
    margin-bottom: 1em;
}
blockquote {
    padding: 0.5rem;
    border-left: 0.1em solid #444;
}
table {
    border-collapse: collapse;
    border-spacing: 0;
    empty-cells: show;
    border: 0.1em solid #444;
}
thead { font-family: sans-serif; }
td {
    padding: 0 0.3em;
    border: 0.01em solid #444;
}
img {
    max-width: 80vw;

```

```

    vertical-align: middle;
}
h2, h3, h4, h5, h6, h7, h8, h9, h10 {
    font-family: sans-serif;
    margin: 0.5em;
}
h2, h3 {
    text-align: center;
}
a {
    text-decoration: none;
    color: #3ac;
    display: inline;
    position: relative;
    border-bottom: 0.1rem dotted;
    line-height: 1.2;
    transition: border 0.3s;
}
a:hover {
    color: #5ce;
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a:visited { color: #b8c; }
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dt { font-weight: bold; }
::selection { background-color: #777; color: #eee; }
a::selection { background-color: #ccc; }
pre, .src {
    padding: 0.5em;
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    white-space: pre-wrap;
    overflow-x: scroll;
    text-overflow: clip;
}

```

Demonstration HTML

```
<!doctype html>
<html lang="en">
<head>
  <link rel="stylesheet" type="text/css" href="./brutstrap.css">
</head>
<body>
  <header>
    <h1 role="banner">Brutstrap</h1>
    <h2>CSS for bootstrapping a brutalist website.</h2>
    <nav role="navigation">
      <ul>
<li><a href="#principles">Principles</a></li>
<li><a href="#usage">Usage</a></li>
<li><a href="#features">Features</a></li>
      </ul>
    </nav>
  </header>
  <main role="main">
    <h3>Summary</h3>
    <p>
<strong>Brutstrap</strong> is a CSS theme for building a
brutalist website: one where the website, as shown in your
browser, is an accurate representation of the HTML document it
is displaying.
    </p>
  </section>
</main>
  <footer>
    <section>
      <p>
This is a demonstration of an HTML document and not meant for public use.
      </p>
    </section>
  </footer>
</body>
</html>
```

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Brutalism A style exaggerating the pragmatic functionality present in modernist design. See https://en.wikipedia.org/wiki/Brutalist_architecture

Brutstrap CSS

CSS

HTML A way of adding layout, formatting, and media to text documents. See <https://en.wikipedia.org/wiki/HTML>.

Media Package

```
{"brutstrap-css": {
  "name": "Brutstrap CSS",
  "creator": "emsenn",
  "license": "CC0",
  "description": "a cascading stylesheet for representing HTML content as it is const
  "versions": {
"current": {
  "sourcehut": {
"location": "https://git.sr.ht/~emsenn/brutstrap-css/blob/master/",
"formats": ["html", "md", "pdf", "tex", "txt"]
  }
}
}}
```

README

Brutstrap

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