

CSS

CSS FUNDAMENTALS

Reset styles



IN A ROCKET

Learn front-end development at *rocket speed*

USER AGENT STYLESHEETS

All browsers apply a set of default styles in what is called the “user agent stylesheet”.

Chromium UA stylesheet

Mozilla UA stylesheet

WebKit UA stylesheet

USER AGENT STYLESHEETS

Hello world!

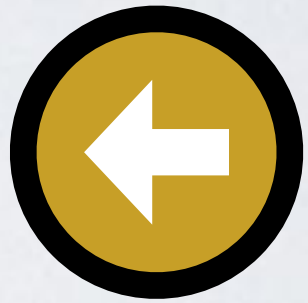
The screenshot shows a browser's developer tools interface. The top part displays the HTML structure with the `<h1>Hello world!</h1>` element selected. The right-hand pane shows the 'Styles' panel with the 'user agent stylesheet' selected, displaying the following CSS rules:

```
h1 {  
  display: block;  
  font-size: 2em;  
  margin-block-start: 0.67em;  
  margin-block-end: 0.67em;  
  margin-inline-start: 0px;  
  margin-inline-end: 0px;  
  font-weight: bold;  
}
```

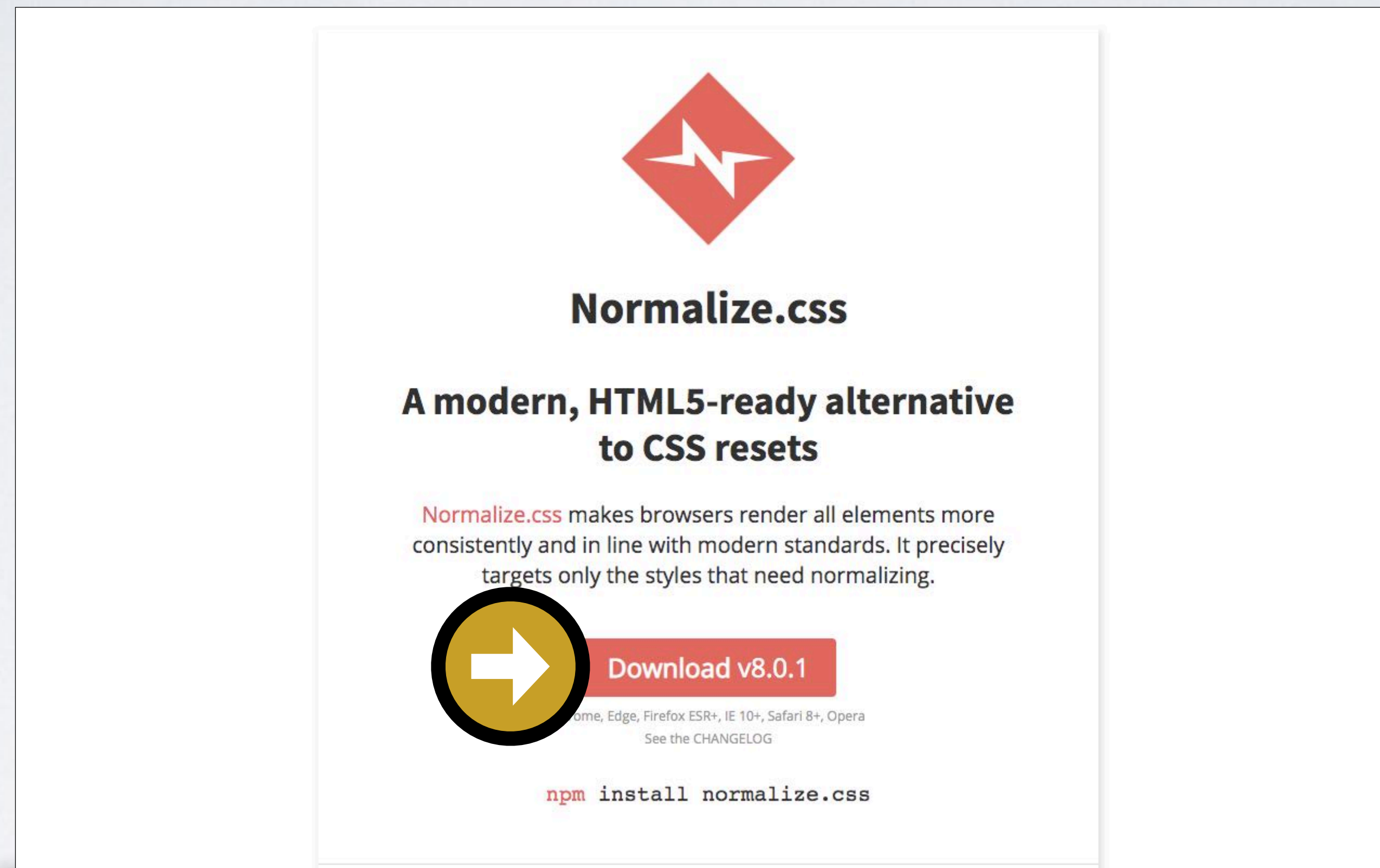
Below the code, a box model diagram is shown with the following dimensions:

- margin: 21.440
- border: -
- padding: -
- Content area: 1424x37

The bottom of the developer tools shows the breadcrumb: `html..noboako.idc0_336 > body > h1`.




Best practice: use a CSS to normalize different styles applied by the browsers and start your work from that point.



The screenshot shows the homepage of the Normalize.css project. At the top center is a red diamond logo containing a white lightning bolt. Below the logo, the text "Normalize.css" is displayed in a bold, black font. Underneath, a subtitle reads "A modern, HTML5-ready alternative to CSS resets". A paragraph of text explains that Normalize.css makes browsers render all elements more consistently and in line with modern standards, targeting only the styles that need normalizing. A prominent yellow circular button with a white right-pointing arrow is positioned to the left of a red rectangular button labeled "Download v8.0.1". Below the download button, the supported browser list is partially visible: "ome, Edge, Firefox ESR+, IE 10+, Safari 8+, Opera" and "See the CHANGELOG". At the bottom of the page, the command `npm install normalize.css` is shown in a monospaced font.

TOOLS: MODERN NORMALIZE

readme.md



modern-normalize

Normalize browsers' default style

Differences from `normalize.css`

- Smaller
- Includes only normalizations for the latest Chrome, Firefox, and Safari
- Sets `box-sizing: border-box`


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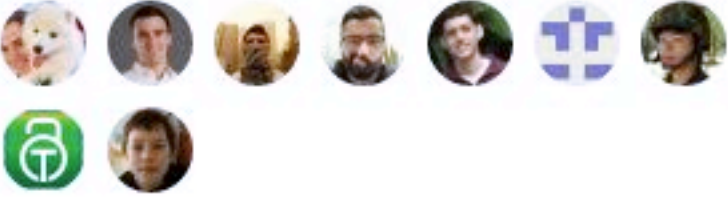
Packages

No packages published


Used by 16.5k

 + 16,468

Contributors 9



Languages



- TypeScript 86.5%
- CSS 8.6%
- HTML 4.9%

TOOLS: NORMALIZE

```
myFile.html

<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>My web page</title>
  <link rel="stylesheet" href="normalize.css">
  <link rel="stylesheet" href="myStyles.css">
</head>
```

Reset first

Your styles later

TOOLS: REBOOT BY BOOTSTRAP

B Home **Documentation** Examples Themes Expo Blog v4.3 [Download](#)

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Getting started
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About

Reboot

Reboot, a collection of element-specific CSS changes in a single file, kickstart Bootstrap to provide an elegant, consistent, and simple baseline to build upon.

Approach

Reboot builds upon Normalize, providing many HTML elements with somewhat opinionated styles using only element selectors. Additional styling is done only with classes. For example, we reboot some `<table>` styles for a simpler baseline and later provide `.table`, `.table-bordered`, and more.

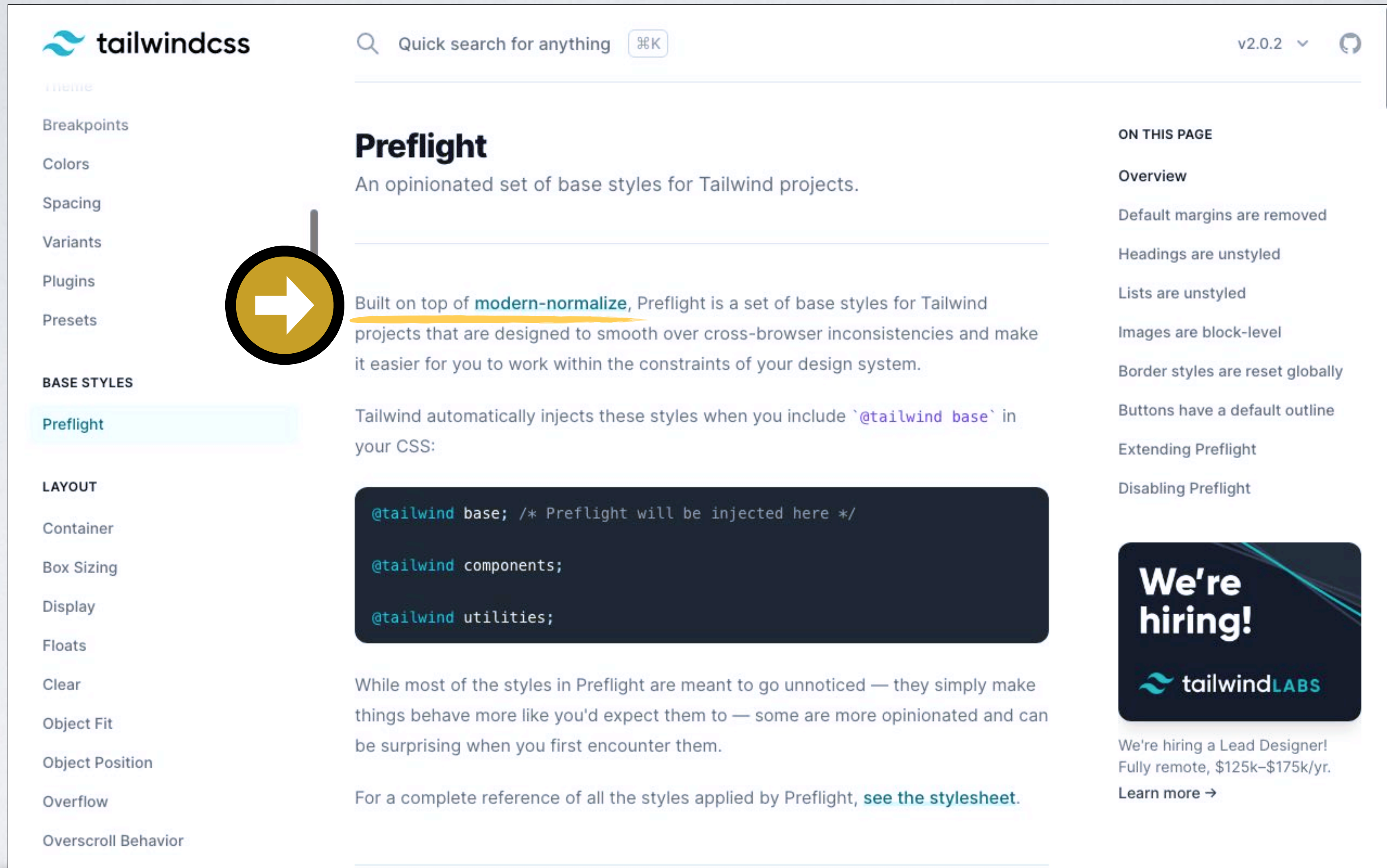
Here are our guidelines and reasons for choosing what to override in Reboot:

- Update some browser default values to use `rems` instead of `ems` for scalable component spacing.
- Avoid `margin-top`. Vertical margins can collapse, yielding unexpected results. More importantly though, a single direction of `margin` is a simpler mental model.
- For easier scaling across device sizes, block elements should use `rems` for `margins`.
- Keep declarations of `font`-related properties to a minimum, using `inherit` whenever possible.

Page defaults

Approach
Page defaults
Native font stack
Headings and paragraphs
Lists
Preformatted text
Tables
Forms
Misc elements
 Address
 Blockquote
 Inline elements
 Summary
HTML5 [hidden] attribute

TOOLS: PREFLIGHT BY TAILWIND CSS



tailwindcss Quick search for anything ⌘K v2.0.2

Home
Breakpoints
Colors
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Variants
Plugins
Presets

BASE STYLES
Preflight

LAYOUT
Container
Box Sizing
Display
Floats
Clear
Object Fit
Object Position
Overflow
Overscroll Behavior

Preflight

An opinionated set of base styles for Tailwind projects.

Built on top of modern-normalize, Preflight is a set of base styles for Tailwind projects that are designed to smooth over cross-browser inconsistencies and make it easier for you to work within the constraints of your design system.

Tailwind automatically injects these styles when you include `@tailwind base` in your CSS:

```
@tailwind base; /* Preflight will be injected here */  
  
@tailwind components;  
  
@tailwind utilities;
```

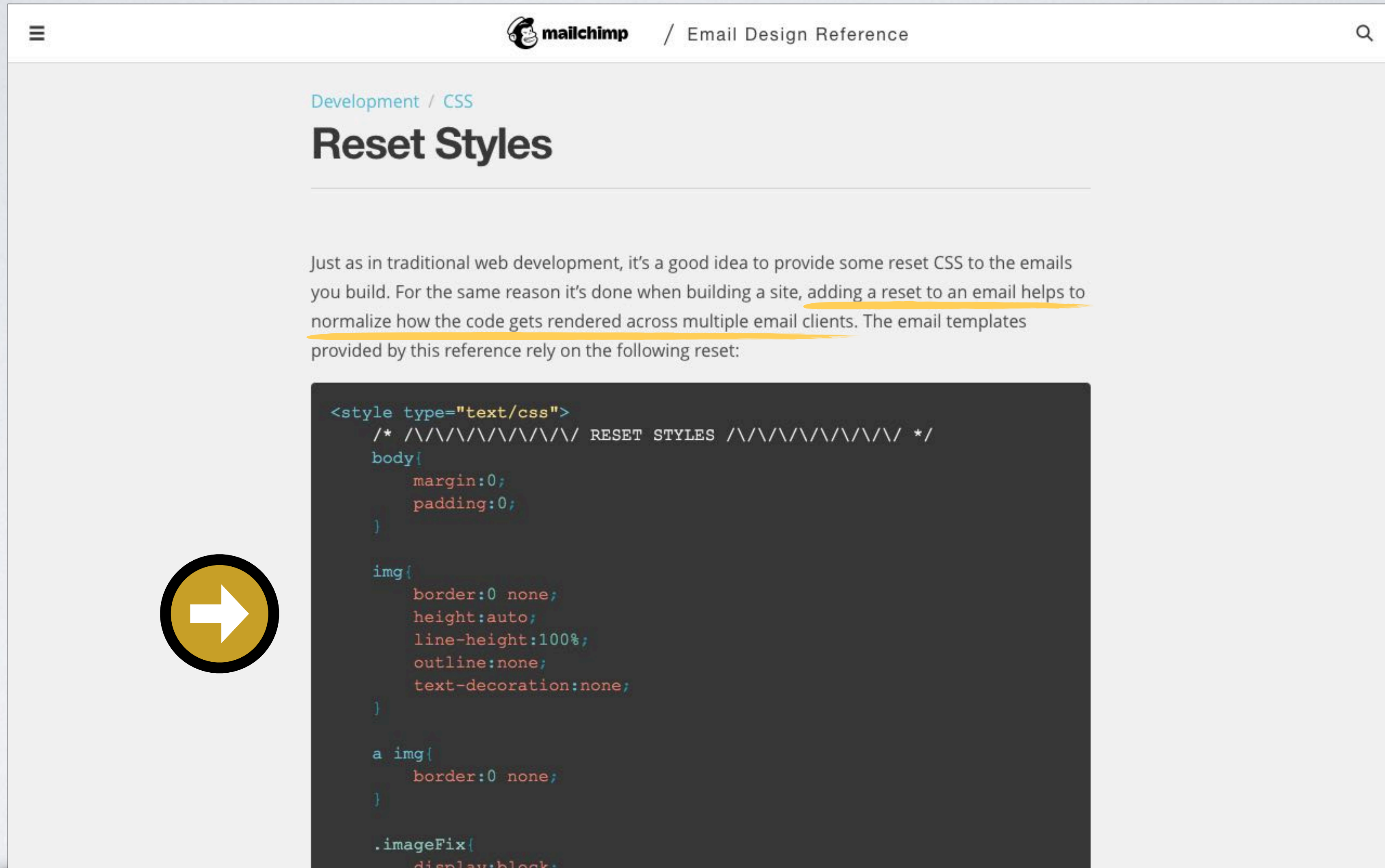
While most of the styles in Preflight are meant to go unnoticed — they simply make things behave more like you'd expect them to — some are more opinionated and can be surprising when you first encounter them.

For a complete reference of all the styles applied by Preflight, [see the stylesheet](#).

ON THIS PAGE
Overview
Default margins are removed
Headings are unstyled
Lists are unstyled
Images are block-level
Border styles are reset globally
Buttons have a default outline
Extending Preflight
Disabling Preflight

We're hiring!
tailwindLABS
We're hiring a Lead Designer!
Fully remote, \$125k–\$175k/yr.
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TEMPLATES: RESET CSS FOR E-MAILS



The screenshot shows a web page from Mailchimp's 'Email Design Reference' section. The page title is 'Reset Styles' under the category 'Development / CSS'. The main text explains that adding a reset to an email helps normalize how the code gets rendered across multiple email clients. A yellow arrow points to a code block containing the following CSS reset code:

```
<style type="text/css">
/* \/\\/\\/\\/\\/\\/\ RESET STYLES \/\\/\\/\\/\\/\\/ */
body{
  margin:0;
  padding:0;
}

img{
  border:0 none;
  height:auto;
  line-height:100%;
  outline:none;
  text-decoration:none;
}

a img{
  border:0 none;
}

.imageFix{
  display:block;
```

CSS

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