



provi Design System*

Introduction & Plan



Mike Aparicio / Senior Design Systems Engineer

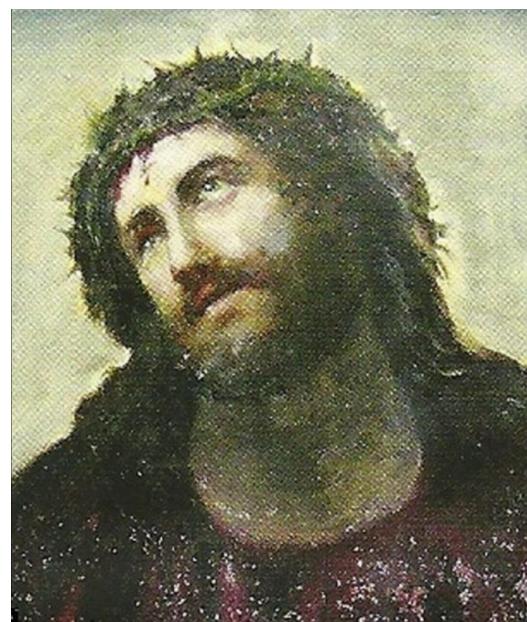
mike.aparicio@provi.com

* final name TBD (email me with ideas!)

What is the problem?

The problem with most companies

In most companies, the delivery process from the concept to the user is so disjointed that the products feel nothing like what the designers first intended.

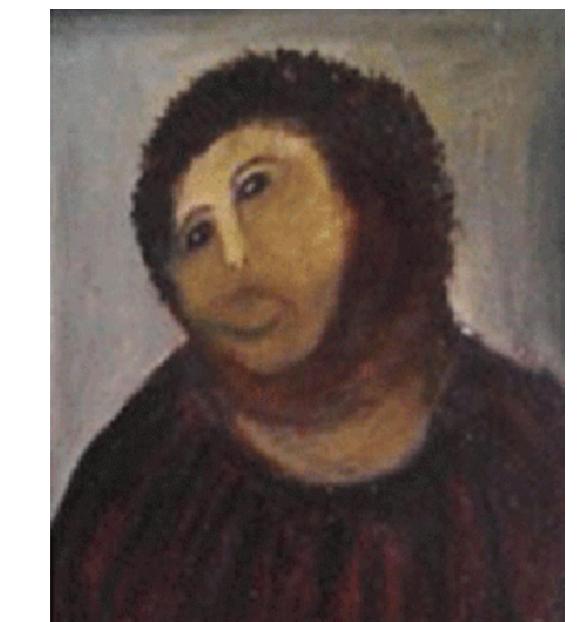


Design Team
Concepts

Inefficiencies

Fidelity

Engineering User



A typical flow of the distance between a concept and the user: fidelity fades away as it gets closer to the user.

The signal (the concept) fades as it goes through perturbations (inefficiencies), and ends up into the product in a much lower fidelity. Such inefficiencies have a massive impact on the company's ability to ship high quality products, which has a huge business opportunity cost.



Do I have these assets?
Do I need to make new symbols?
What do I name these things?

14px/18px 400 #022B48

bg: #022B48

14px/18px 600 #022B48
12px/16px 400 #022B48

10px/14px 400 #022B48

border: 1px solid #F5F7F7

Icon-bottle 16x16, #FFFFFF
Icon-can 16x16, #FFFFFF
Icon-keg 16x16, #FFFFFF
14px/18px 400 #FFFFFF

bg: #158FBE

11.2oz Bottle
24 bottles/case - 6 pack

12px

11.2oz Bottle
24 bottles/case - 12 pack

22.4oz Bottle
12 bottles/case

Add to List

12px/16px 400 #158FBE

Icon-plus 16x16, #FFFFFF
Icon-minus 16x16, #FFFFFF
border: 1px solid #DADFE1
radius: 2px
bg: #F5F7F7

8px 8px 16px

Edit Custom Prices | Add Missing Product Size

16px

border: 1px solid #022B48, 20px tall



Do I have these assets?
Do I need to write new styles?
What do I name these things?



This doesn't scale

(trust me, I know.)

What is a Design System?

REI Co-op

- Release Notes
- About
- Getting Started
- Foundation
- Layout
- Components
- Icons
- Report an Issue
- Request a Feature

Welcome to Cedar

The Cedar Design System provides digital teams with reusable UI components based on REI's visual language.

Getting Started

Learn how to start using Cedar components with handy onboarding guides.

[View Designer Guide](#) [View Developer Guide](#)

Comet v2.35.3

- Download
- Home
- Getting Started
- CORE PHILOSOPHY
- Design Principles
- Accessibility
- Browser Support
- VISUAL LANGUAGE
- Color
- Icons
- Space
- Typography
- Tokens
- UI COMPONENTS
- RESOURCES
- DEVELOPMENT

This is Comet.

Comet is a scalable design system of visual language, components, and design assets encoded as and extensible from HTML & CSS starting points for use in Discovery Education digital experiences.

[Get Started](#)

[Downloads](#) [Comet Tokens](#) [Current Release v2.35.3](#)

Always in Style

With Comet, apply a visual style to achieve a cohesive DE look and feel with minimal effort. Use style and markup as-is or tool up with tokens, mixins, and more to build your UI as you see fit.

shopify

FOUNDATIONS CONTENT DESIGN COMPONENTS EXPERIENCES

Polaris

Our design system helps us work together to build a great experience for all of Shopify's merchants.

Guides

Check out these practical guides to help you understand how to design for the Shopify platform using Polaris.

[Shopify experience values](#) [Crafting the Shopify admin](#)

Spectrum

Search

- Spectrum
- Foundation
- Components
- Patterns
- Content
- Tools and resources
- Support

Spectrum CSS

Meet Spectrum, Adobe's design system

Spectrum provides components and tools to help product teams work more efficiently, and to make Adobe's applications more cohesive.

Principles
Get to know our foundational thinking and how we put it into action across our design system.

Resources
Download resources to help you design faster and with more precision.

Implementations
Use Spectrum CSS, our open-source implementation, in partnership with the detailed usage guidelines here.

Design **Components** **Develop** **Resources** **Search**

EVERGREEN GET STARTED COMPONENTS FOR DESIGNERS

EVERGREEN

A Design System for the Web

Evergreen is a React UI Framework for building ambitious products on the web. Brought to you by Segment.

Primer > CSS Search Primer CSS

What's new Design Development About

Primer CSS

v14.2.0

- Getting started
- Contributing
- Support
- Breakpoints
- Color system
- Spacing
- Typography
- Marketing support
- Variables
- Utilities
- Animations
- Borders
- Marketing borders
- Box shadow
- Colors
- Details
- Flexbox
- Layout
- Marketing layout

Thumbprint

Search

- Overview
- Guidelines
- Components
- Atomic
- Tokens
- Icons
- Updates
- Help

Introduction

Our goal is to create a system that enables us to build consistent user experiences with ease, yet with enough flexibility to support the broad spectrum of GitHub websites. This goal is embedded in our design and code decisions. Our approach to CSS is influenced by Object Oriented CSS principles, functional CSS, and BEM architecture.

Thumbprint

Design System

Assets for building high-quality, consistent user experiences at Thumbtack.

About The principles and team members of Thumbprint.

Color Names and usage rules for applying it across the system.

Components Components we've built and are working on.

Help Have a question or something to contribute? Let us know!

salesforce

Lightning Design System

Search

- What's New
- Getting Started
- Platforms
- Design Guidelines

Create the world's best enterprise app experiences.

Parts of a Design System

- Visual Style Guidelines
- UI Components
- Icon Library
- Design Tokens
- CSS Framework/Component Library
- UI Kit for Designers (Sketch/Figma)
- Design Principles
- Content Guidelines (Voice & Tone)
- Illustration Guidelines

Our Design System is a **common language** across
design, engineering and product that describes
how we create digital products at **Provi**.

Our Design System is an **agreement** between
design, engineering and product on
how we create digital products at **Provi**.

Benefits of a Design System

- Creates a common language across platforms, disciplines
- Less fidelity lost between concept and production
- Encourages accessibility/performance best practices
- Saves developers time struggling with CSS
- Saves designers time marking comps with values, QA'ing
- Reduces time to production, code bloat
- Provides consistency between multiple projects/teams
- Allows rapid scaling, less re-inventing the wheel
- Great tool for on-boarding new employees
- Enables rapid, high-fidelity prototyping - ideal for user testing
- Provides users with a consistent experience

Mike's Design System Principles

Cross-Platform

The system should support web, Android and iOS, and reduce the amount of one-off designs that cater to specific platforms.

Accessibility & Performance

The system should keep accessibility and performance top of mind in creating new UI components, adhering to standards and not compromising for the sake of aesthetics.

Visual Style/UI Components

The system should clearly distinguish between UI components and their visual styles (color, type, spacing, etc.).

Design Tokens

The system should use design tokens as its single source of truth, enabling us to quickly make large scale visual changes that propagate across platforms with minimal engineering effort.

Encourage Collaboration & Ownership

The more people who contribute to the system, the broader the institutional knowledge becomes and the less it feels like arbitrary rules constraining creativity.

Align Design Tools & Frameworks

The system should ensure that our design tools reflect what is available in our engineering frameworks, which requires close, frequent collaboration between design and engineering.

Tech-Agnostic

The system should not be tied to a specific design tool or tech stack, as these things change frequently.

Define Building Blocks, Not Features

The system should provide the building blocks for designers and engineers to innovate on new features and not exceed its scope into features.

Think Proportionately

The system's UI components should let content, padding and border dictate their dimensions and arrange them using relative units rather than fixed pixel values to support a broad range of devices.

Avoid Context-Specific Naming Conventions

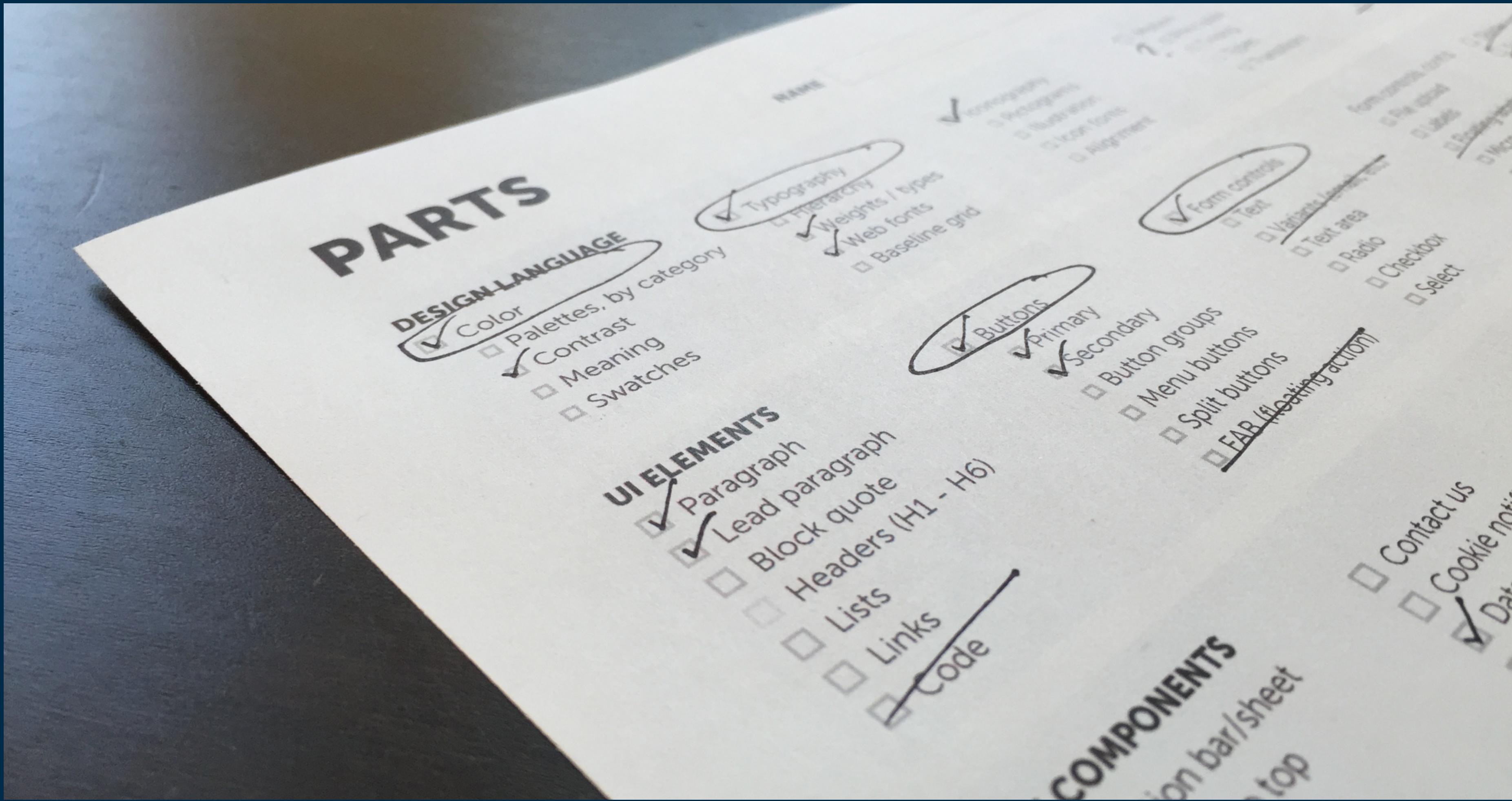
Build features from atomic-level components and layout helpers to avoid the need for feature-specific styles.

Where do we start?

Design System Survey

- Design, Engineering & Product
- What are some of the challenges you face in getting features from concept to production?
- How much time (on average) would you say each of those challenges adds to the overall completion time?
- What's working well in the process?
- How might we measure success of the design system?
- How might the design system fail?
- [Eng] How would you prefer to receive design specs?
- What should we call the design system?

Parts, Products & People

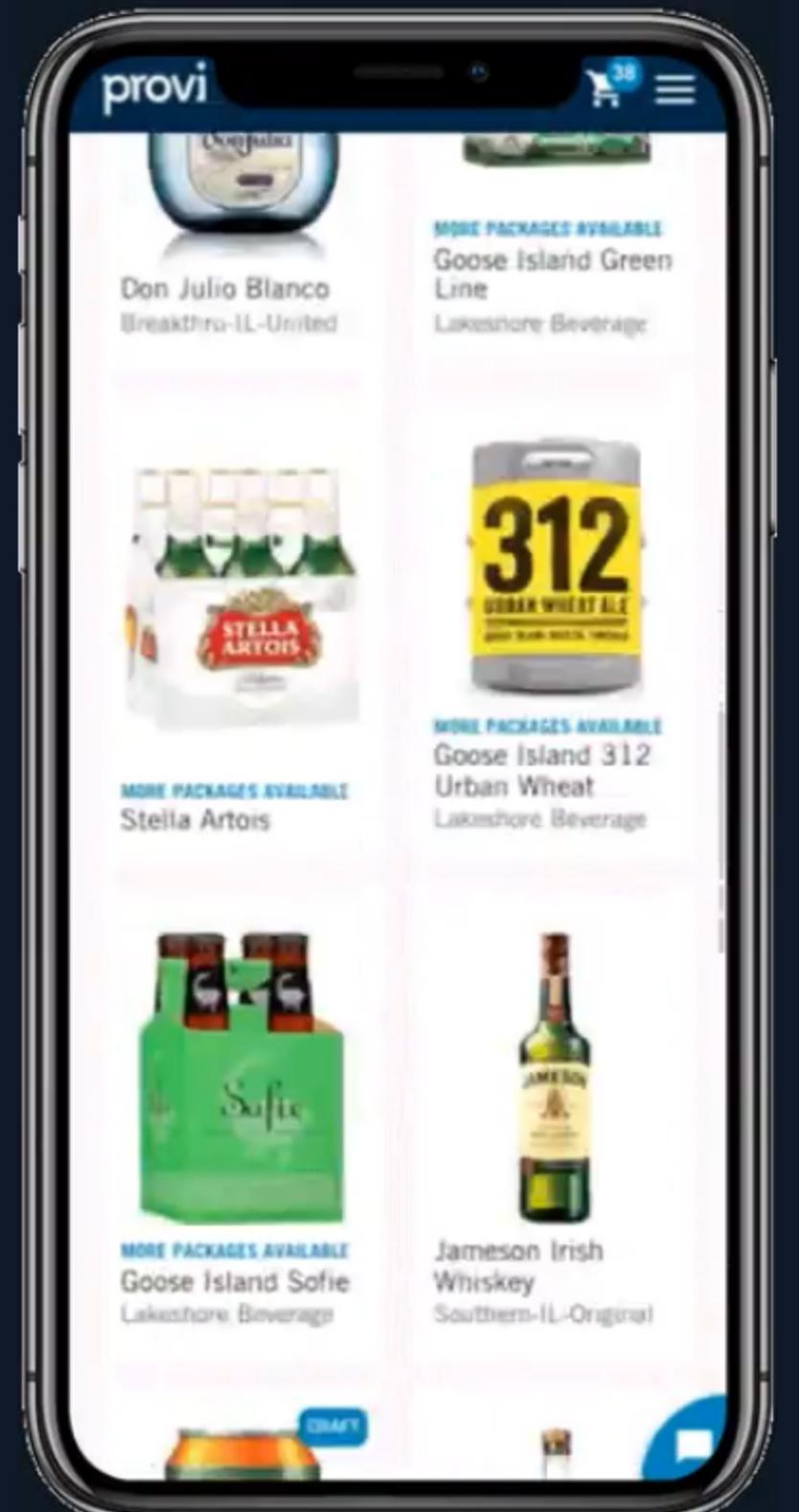


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Beverage Ordering Made Simple

The 100% free way to manage your beverage orders



Create a free account for

Bars & Retailers

— OR —

Distributor Rep



CSS Audit

app.provi.com

Provi

File size **863KB** | Gzipped file size **128KB**

	SIZE	GZIPPED
Basscss	10kb	2kb
Tachyons	72kb	13kb
Foundation	119kb	16kb
Primer	140kb	22kb
Bootstrap	123kb	23kb
Bulma	186kb	24kb

Overview

RULES **8,830** **SELECTORS** **11,861** **DECLARATIONS** **18,775** **PROPERTIES** **243**

Total Selectors by Type

Selectors are the part of a CSS ruleset that describes what elements in a document the rule will match.

ID	CLASS	PSEUDO CLASS	PSEUDO ELEMENT
31	11,346	2,205	1,992

<https://cssstats.com/stats?url=app.provi.com>

Type Scale

71 Unique font sizes



16 Unique Font Families

419 total

Helvetica Neue, Arial, sans-serif

Quick brown fox jumped

156 unique colors

Printed by declaration order in source code

Aa

inherit

#fff

Aa

#333

231 Unique Background Colors



#138EFA



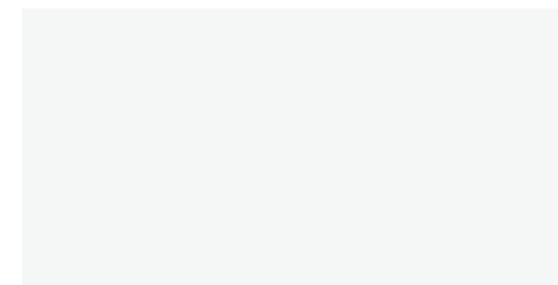
#ffffff



#002B48



#fff



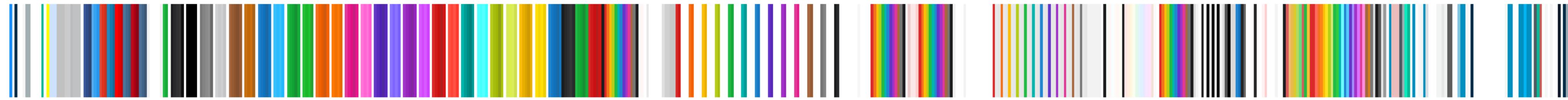
#F5F7F7



#A1AEB2

594 Total Background Colors

Visualized by source code order



37 Unique Z Indices

153 total

9999 999 99 9060 10000 99999 1999 1001 1 3 2 -1 100 1000 4 5 auto -2 101 " 10 -100 11 21 12 13
1900 998 102 800 90 1100 1200 2000 0 1002 50

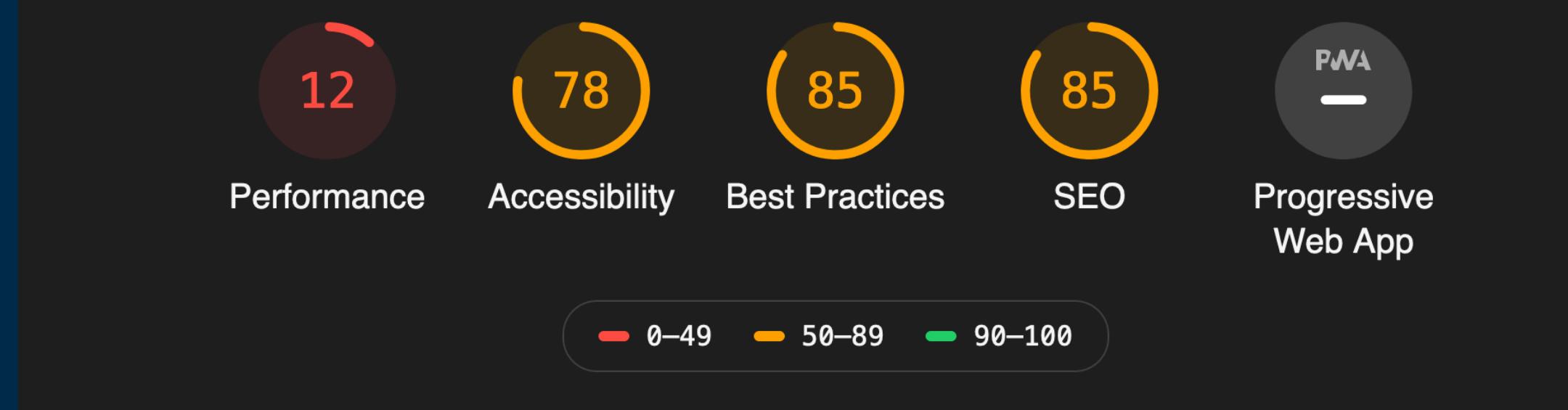


css

Global
HD

Accessibility/Performance Audit

- Ensures proper color contrast in the system's color palette
- Surfaces non-visual accessibility issues that might be addressed by the system
- Surfaces large files, unused/outdated code, and opportunities for improvement
- Gives us a performance benchmark to improve upon



There were issues affecting this run of Lighthouse:

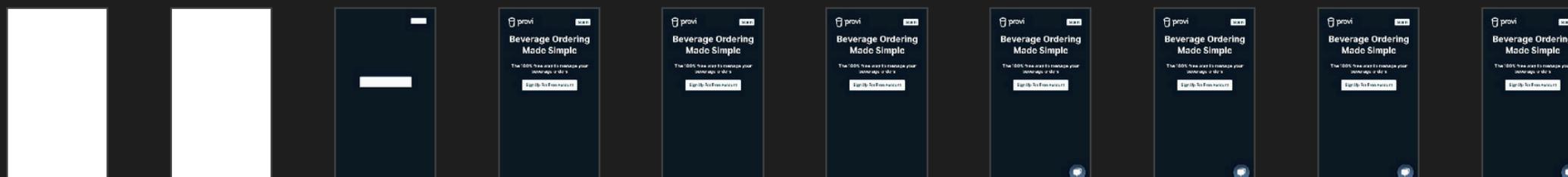
- The page may not be loading as expected because your test URL (<https://app.provi.com/>) was redirected to <https://app.provi.com/sign-up>. Try testing the second URL directly.



Performance

Metrics			
▲ First Contentful Paint	6.3 s	▲ Time to Interactive	16.8 s
▲ Speed Index	8.7 s	▲ Total Blocking Time	2,040 ms
▲ Largest Contentful Paint	7.3 s	● Cumulative Layout Shift	0.005

Values are estimated and may vary. The [performance score](#) is calculated directly from these metrics. [See calculator](#).



Opportunities — These suggestions can help your page load faster. They don't [directly affect](#) the Performance score.

Opportunity	Estimated Savings
▲ Eliminate render-blocking resources	3.96 s
▲ Remove unused JavaScript	3.15 s
▲ Serve images in next-gen formats	1.05 s
■ Remove unused CSS	0.75 s

axe v4.5.3 (axe-core 3.5.5)

All issues found 84 ▾

Run again

ARIA hidden element must not contain focusable elements 8

Buttons must have discernible text 2

Elements must have sufficient color contrast 20

id attribute value must be unique 9

<html> element must have a lang attribute 1

Form elements must have labels 1

Links must have discernible text 2

 elements must be contained in a or 8

Document must have one main landmark 1

Zooming and scaling must not be disabled 1

Page must contain a level-one heading 1

All page content must be contained by landmarks 29

Links with the same name have a similar purpose 1

ARIA hidden element must not contain focusable elements

Inspect Node Highlight

1 of 8

All issues found: 84

Issue description Impact: **serious** [Learn more](#)

Ensures aria-hidden elements do not contain focusable elements

Element location

```
div[collection-id="\31 542"] > .collection-carousel/slick-initialized.slick-slider > .slick-list.draggable > .slick-track > .slick-slide[data-slick-index="\34 "][aria-hidden="true"]
```

Element source

```
<div class="slick-slide" data-slick-index="4" aria-hidden="true" style="width: 270px;" tabindex="-1">
```

To solve this violation, you need to:

Fix the following:
Focusable content should have tabindex='-1' or be removed from the DOM

Related node:
[Inspect](#)

```
a[href="\products\2339"]
```



2.4 seconds
1.9% conversion rate



3.3 seconds
1.5% conversion rate



4.2 seconds
<1% conversion rate



5.7+ seconds
<0.6% conversion rate

app.provi.com/sign-up

▲ First Contentful Paint	6.3 s	▲ Time to Interactive	16.8 s
First Contentful Paint marks the time at which the first text or image is painted.		Time to interactive is the amount of time it takes for the page to become fully interactive. Learn more .	
▲ Speed Index	8.7 s	▲ Total Blocking Time	2,040 ms
Speed Index shows how quickly the contents of a page are visibly populated.		Sum of all time periods between FCP and Time to Interactive, when task length exceeded 50ms, expressed in milliseconds. Learn more .	
▲ Largest Contentful Paint	7.3 s	● Cumulative Layout Shift	0.005
Largest Contentful Paint marks the time at which the largest text or image is painted. Learn More		Cumulative Layout Shift measures the movement of visible elements within the viewport. Learn more .	

File size

18KB

Gzipped file size

4KB

	SIZE	GZIPPED
Basscss	10kb	2kb
Tachyons	72kb	13kb
Foundation	119kb	16kb
Primer	140kb	22kb
Bootstrap	123kb	23kb
Bulma	186kb	24kb

Overview

RULES

176

SELECTORS

209

DECLARATIONS

422

PROPERTIES

107

Total Selectors by Type

Selectors are the part of a CSS ruleset that describes what elements in a document the rule will match.

ID

0

CLASS

143

PSEUDO CLASS

23

PSEUDO ELEMENT

1



CONGRATULATIONS!

No accessibility violations found in the current state of the page. Now you should rerun axe on every state of the page (including expanding accordions, modals, sub-menus, error messaging and more). You should also perform manual testing using assistive technologies like NVDA, VoiceOver and JAWS.



Performance



Accessibility



Best Practices



SEO



Progressive
Web App

0–49 50–89 90–100



Performance

Metrics

First Contentful Paint

1.0 s Time to Interactive

Speed Index

1.0 s Total Blocking Time

Largest Contentful Paint

1.0 s Cumulative Layout Shift

Values are estimated and may vary. The performance score is calculated directly from these metrics. See calculator.





Contrast Grid

Test many foreground and background color combos for compliance with [WCAG 2.0 minimum contrast](#).

Include one color per line, with an optional comma-separated label.

Rows & Columns

```
#FFFFFF, White
#0F1924, Black
#4C5B60, Gray Medium
#A1AEB2, Gray
#D9DEE0, Gray Cart
#F5F7F7, Gray Light
#002B48, Brand Primary
#008FBE, Brand Secondary
#CD5858, Red
#A8FFAF, Green
```

[Use distinct rows & columns values](#)

Tile Size

S (80x80)	M (100x100)	L (150x150)
--------------	----------------	----------------

[Copy Grid HTML & CSS](#)

[Tweet My Grid](#)

[By Eightshapes](#) • [On Github](#)

© Copyright Eightshapes, LLC 2017

Background	Text	#FFFFFF	#0F1924	#4C5B60	#A1AEB2	#D9DEE0	#F5F7F7	#002B48	#008FBE	#CD5858	#ECC032	#09B995	#A8FFAF
White #FFFFFF		Text	Text	Text	Text	Text	Text	Text	Text	Text	Text	Text	Text
		AAA 17.7	AAA 7	DNP 2.2	DNP 1.3	DNP 1	AAA 14.5	AA18 3.7	AA18 4	DNP 1.7	DNP 2.5	DNP 1.1	
Black #0F1924	Text		Text	Text	Text	Text	Text	Text	Text	Text	Text	Text	Text
	AAA 17.7		DNP 2.5	AAA 7.7	AAA 13	AAA 16.4	DNP 1.2	AA 4.7	AA18 4.3	AAA 10	AAA 7	AAA 14.8	
Gray Medium #4C5B60	Text	Text			Text	Text	Text	Text	Text	Text	Text	Text	Text
	AAA 7	DNP 2.5			AA18 3.1	AA 5.2	AA 6.5	DNP 2	DNP 1.9	DNP 1.7	AA18 4	DNP 2.8	AA 5.9
Gray #A1AEB2	Text	Text	Text		Text	Text	Text	Text	Text	Text	Text	Text	Text
	DNP 2.2	AAA 7.7	AA18 3.1		DNP 1.6	DNP 2.1	AA 6.4	DNP 1.6	DNP 1.7	DNP 1.3	DNP 1.1	DNP 1.9	
Gray Cart #D9DEE0	Text	Text	Text	Text			Text	Text	Text	Text	Text	Text	Text
	DNP 1.3	AAA 13	AA 5.2	DNP 1.6			DNP 1.2	AAA 10	DNP 2.7	AA18 3	DNP 1.2	DNP 1.8	DNP 1.1
Gray Light #F5F7F7	Text	Text	Text	Text	Text	Text		Text	Text	Text	Text	Text	Text
	DNP 1	AAA 16.4	AA 6.5	DNP 2.1	DNP 1.2			AAA 13.5	AA18 3.4	AA18 3.8	DNP 1.6	DNP 2.3	DNP 1.1
Brand Primary #002B48	Text	Text	Text	Text	Text	Text		Text	Text	Text	Text	Text	Text
	AAA 14.5	DNP 1.2	DNP 2	AA 6.4	AAA 10	AAA 13.5		AA18 3.9	AA18 3.5	AAA 8.4	AA 5.8	AAA 12.2	
Brand Secondary #008FBE	Text	Text		Text	Text	Text	Text			DNP 1.1	DNP 2.1	DNP 1.4	AA18 3.1
	AA18 3.7	AA 4.7	DNP 1.9	DNP 1.6	DNP 2.7	AA18 3.4	AA18 3.9						
Red #CD5858	Text	Text		Text	Text	Text	Text	Text			DNP 2.3	DNP 1.6	AA18 3.4
	AA18 4	AA18 4.3	DNP 1.7	DNP 1.7	AA18 3	AA18 3.8	AA18 3.5	DNP 1.1					
Yellow #ECC032	Text	Text		Text	Text	Text	Text	Text	Text			DNP 1.4	DNP 1.4
	DNP 1.7	AAA 10	AA18 4	DNP 1.3	DNP 1.2	DNP 1.6	AAA 8.4	DNP 2.1	DNP 2.3				
Success Green #09B995	Text	Text		Text	Text	Text	Text	Text	Text	Text			Text
	DNP 2.5	AAA 7	DNP 2.8	DNP 1.1	DNP 1.8	DNP 2.3	AA 5.8	DNP 1.4	DNP 1.6	DNP 1.4			DNP 2.1
Green Light #A8FFAF	Text	Text	Text		Text	Text	Text	Text	Text	Text	Text	Text	
	DNP 1.1	AAA 14.8	AA 5.9	DNP 1.9	DNP 1.1	DNP 1.1	AAA 12.2	AA18 3.1	AA18 3.4	DNP 1.4	DNP 2.1		

AA 4.5:1
AAA 7:1



Key Colors



Color space interpolation

CIECAM02

Base color

Sort Distribute

Contrast ratios

3.05



4.55



7.05



+ Add contrast ratio

Example Charts Model

Large text

Small text demo

Button

Button

Generated Colors

Copy

#d67a77

3.04

#bf5454

4.55

#894443

7.07

Red
#CD5858

Function Parameters

Copy

```
generateContrastColors({  
  colorKeys: ["#cd5858"],  
  base: "#ffffff", ratios:  
  [3.05,4.55,7.05],  
  colorspace: "CAM02"});
```

Old contrast

<https://contrast-finder.tanaguru.com/>

Foreground	Background	Sample	Ratio	Distance
hsl(194, 100%, 37%) rgb(0, 143, 190) #008FBE	hsl(0, 0%, 100%) rgb(255, 255, 255) #FFFFFF	Title big size with words in bold Here is some text sample with some words in bold to illustrate the contrast.	3.70205	

New contrast : 26 results (907,680 colors tested)

Foreground	Background	Sample	Ratio	Distance
hsl(195, 70%, 37%) rgb(28, 128, 163) #1C80A3	hsl(0, 0%, 100%) rgb(255, 255, 255) #FFFFFF	Title big size with words in bold Here is some text sample with some words in bold to illustrate the contrast.	4.50073	10.34
hsl(190, 55%, 37%) rgb(42, 129, 148) #2A8194	hsl(0, 0%, 100%) rgb(255, 255, 255) #FFFFFF	Title big size with words in bold Here is some text sample with some words in bold to illustrate the contrast.	4.50047	14.0
hsl(199, 88%, 37%) rgb(11, 126, 181) #0B7EB5	hsl(0, 0%, 100%) rgb(255, 255, 255) #FFFFFF	Title big size with words in bold Here is some text sample with some words in bold to illustrate the contrast.	4.50083	16.28
hsl(198, 94%, 36%) rgb(5, 126, 182) #057EB6	hsl(0, 0%, 100%) rgb(255, 255, 255) #FFFFFF	Title big size with words in bold Here is some text sample with some words in bold to illustrate the contrast.	4.50038	17.44
hsl(197, 90%, 36%) rgb(9, 127, 175) #097FAF	hsl(0, 0%, 100%) rgb(255, 255, 255) #FFFFFF	Title big size with words in bold Here is some text sample with some words in bold to illustrate the contrast.	4.50026	18.89
hsl(196, 96%, 35%) rgb(3, 127, 176) #037FB0	hsl(0, 0%, 100%) rgb(255, 255, 255) #FFFFFF	Title big size with words in bold Here is some text sample with some words in bold to illustrate the contrast.	4.50012	18.96
hsl(195, 79%, 36%) rgb(19, 128, 166) #1380A6	hsl(0, 0%, 100%) rgb(255, 255, 255) #FFFFFF	Title big size with words in bold Here is some text sample with some words in bold to illustrate the contrast.	4.50065	21.79

POLITICS

<https://www.cnbc.com/2019/10/07/dominos-supreme-court.html>

Supreme Court hands victory to blind man who sued Domino's over site accessibility

\$38,000
to fix

PUBLISHED MON, OCT 7 2019·9:40 AM EDT | UPDATED TUE, OCT 8 2019·6:31 PM EDT

2,256

lawsuits in 2019



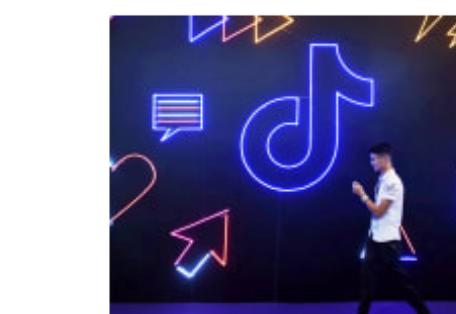
Tucker Higgins

@IN/TUCKER-HIGGINS-5B162295/
@TUCKERHIGGINS

SHARE

**KEY POINTS**

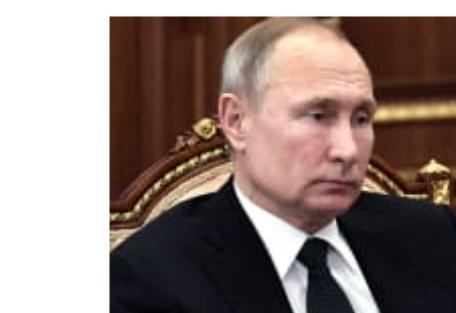
- The Supreme Court denied a petition from pizza giant Domino's on Monday to hear whether its website is required to be accessible to the disabled, leaving in place a lower court decision against the company.
- The case was originally brought by a blind man named Guillermo Robles, who sued the pizza chain after he was unable to order food on Domino's website and mobile app despite using screen-reading software.
- The decision not to grant the case is a loss for the company and a win for disability advocates, who have argued that if businesses do not have to maintain accessible sites, disabled people could be effectively shut out of substantial portions of the economy.

RELATED

Microsoft confirms talks to buy TikTok in U.S., aims to finish deal by Sept. 15



Stimulus talks: White House, Dems still agree on \$1,200 checks but deadlocked on unemployment



Op-ed: Keep your eyes on Russia for an August surprise of Putin's making

“Gee, I wish this text was harder to read.”

- No one, ever.

An Important Distinction

Visual Style

What it looks like (CSS)

- Color
- Typography
- Spacing
- Icons
- Borders
- Elevation/Shadows
- Opacity
- Animation

UI Components

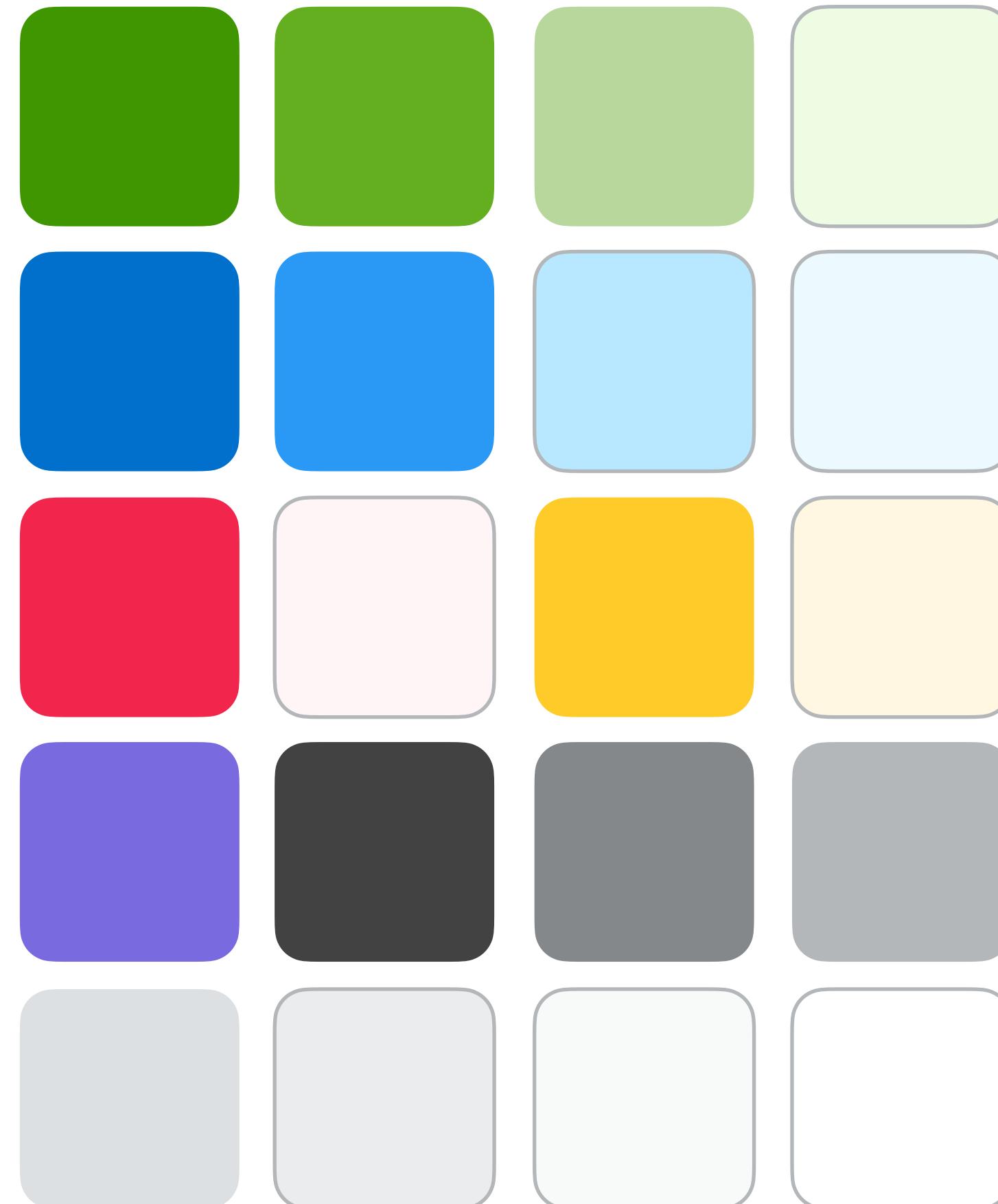
What it is/How it works (HTML/JS)

- Buttons
- Links
- Form Inputs
- Cards
- Alerts
- Lists
- Modals
- Badges, etc.

Visual Style Audit

- Partly informed by CSS audit
- Helps narrow down visual style choices
- Surfaces inconsistencies

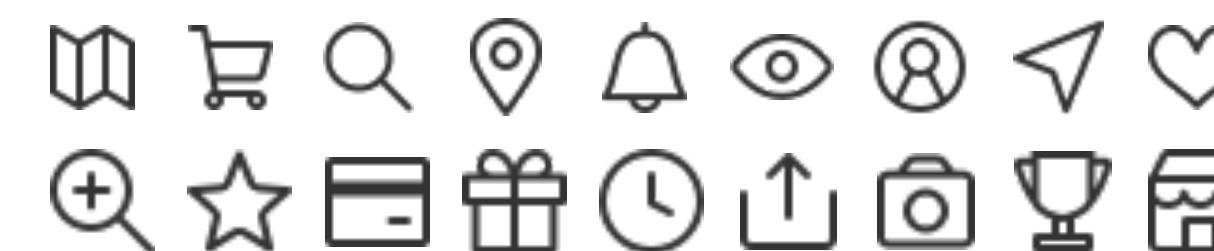
COLOR 45 colors ➔ 20 colors



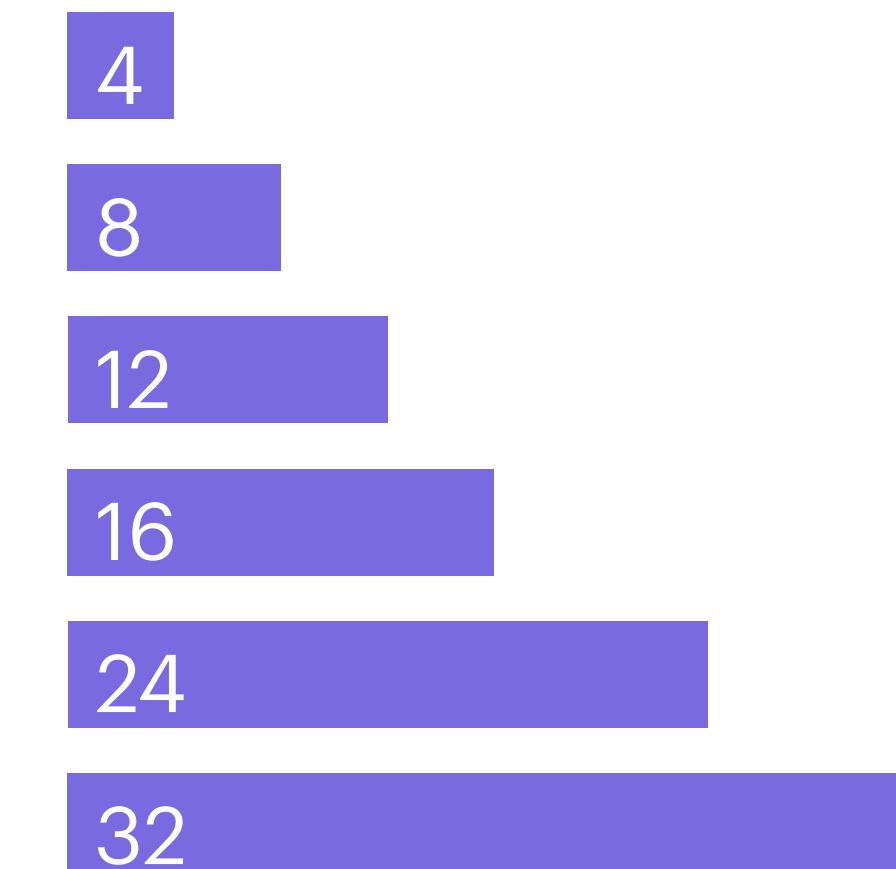
TYPOGRAPHY 55 sizes ➔ 8 sizes

Hi, treat yourself to a great deal today
Hi, treat yourself to a great deal today

ICONS



SPACING 6 values



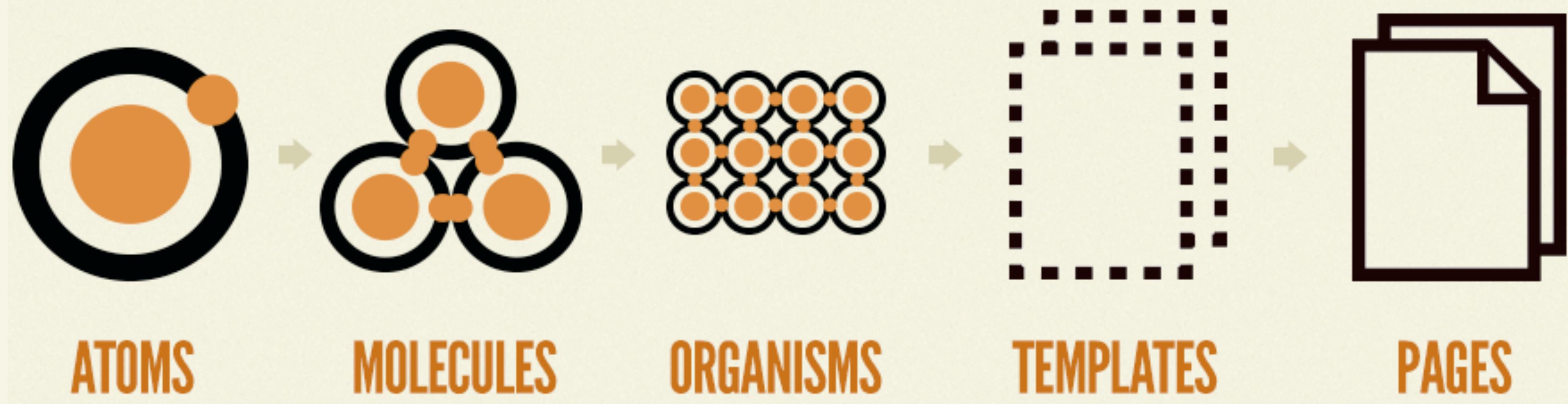
UI Component Audit

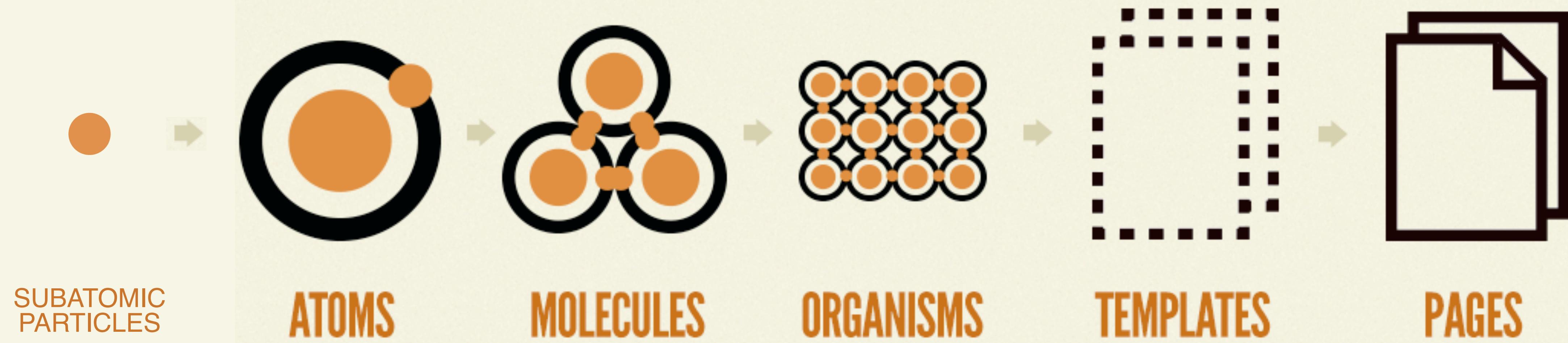
- Helps determine the components the system needs to support
- Surfaces inconsistencies in implementation and naming
- Guides taxonomy of components (particularly across platforms)

Draft Design Tokens

Design tokens are the visual design atoms of the design system — specifically, they are named entities that store visual design attributes. We use them in place of hard-coded values (such as hex values for color or pixel values for spacing) in order to maintain a scalable and consistent visual system for UI development.

Salesforce Lightning Design System





Global Tokens

Define the available values in the system



```
$color-white: #FFFFFF  
$color-black: #0F1924  
$color-gray-medium: #4C5B60  
$color-gray: #A1AEB2  
$color-gray-light: #F5F7F7  
$color-brand-primary: #002B48  
$color-brand-secondary: #008fbe  
$color-red: #CD5858  
$color-yellow: #ECC032  
$color-green: #09B995  
$color-green-light: #A8FFAF  
  
$font-family: 'Inter', sans-serif  
  
$font-weight-regular: 400  
$font-weight-semi-bold: 600  
  
$border-width: 1px  
$border-radius-small: 2px  
$border-radius-medium: 6px
```

```
$heading-1-font-size: 2rem  
$heading-2-font-size: 1.5rem  
$heading-3-font-size: 1.25rem  
$heading-4-font-size: 1.125rem  
$heading-5-font-size: 1rem  
$heading-6-font-size: .875rem  
  
$heading-1-line-height: 2.25rem  
$heading-2-line-height: 2rem  
$heading-3-line-height: 1.5rem  
$heading-4-line-height: 1.5rem  
$heading-5-line-height: 1.5rem  
$heading-6-line-height: 1.25rem  
  
$text-large-font-size: 1.125rem  
$text-medium-font-size: 1rem  
$text-small-font-size: .875rem  
$text-tiny-font-size: .750rem
```

```
$text-large-line-height: 1.5rem  
$text-medium-line-height: 1.5rem  
$text-small-line-height: 1.25rem  
$text-tiny-line-height: 1.125rem  
  
$spacing-2: .125rem  
$spacing-4: .25rem  
$spacing-8: .5rem  
$spacing-12: .75rem  
$spacing-16: 1rem  
$spacing-24: 1.5rem  
$spacing-32: 2rem  
$spacing-64: 4rem  
  
$icon-size-small: 1rem  
$icon-size-medium: 1.5rem  
$icon-size-large: 2rem
```

Global Tokens

Define the available values in the system

```
- $color-brand-primary: #002B48  
+ $color-brand-primary: #663399  
  
$color-background-brand: $color-brand-primary  
$color-text-brand: $color-brand-primary  
$color-icon-brand: $color-brand-primary
```

The screenshot shows the provi application interface. At the top, there is a purple header bar with the provi logo, a search bar, and navigation links for '10Pin Bowling Lounge/ Strike', 'Orders', 'Lists', 'Reports', 'Menu', and a shopping cart icon. Below the header, there is a section titled 'All Categories' featuring a large image of a wave with the 'WHITE CLAW HARD SELTZER' logo overlaid. A purple button labeled 'View More from White Claw' is visible. To the right, there are two product cards for 'White Claw Hard Seltzer': one for 'Black Cherry' (pink can) and one for 'Mango' (yellow can). Each card has a 'Shop Now' button. Below this, there is a section titled 'Top Picks for You' with four product cards: 'Stella Artois' (green bottle), 'La Marca Prosecco DOC' (brown bottle), 'Hendrick's Gin' (black bottle with a 'DEAL' badge), and 'Wycliff Brut Champagne' (green bottle). Each card also has a 'Shop Now' button.

Contextual Tokens

Define the contexts in which those values are used, refer to Global Tokens



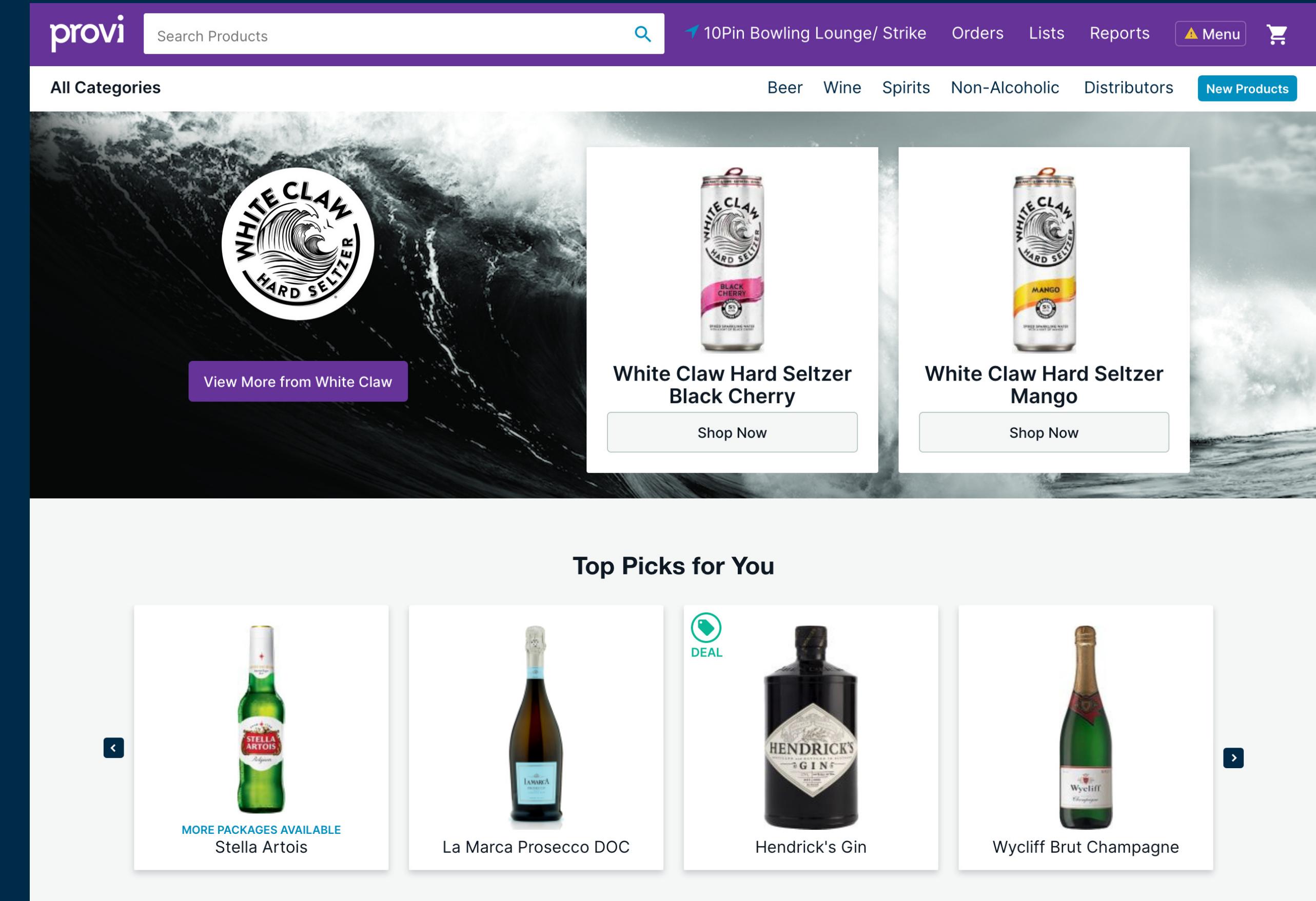
```
$color-text-body: $color-black  
$color-text-subdued: $color-gray-medium  
$color-text-inverse: $color-white  
$color-text-link: $color-brand-secondary  
$color-text-brand: $color-brand-primary  
$color-text-error: $color-red  
$color-text-success: $color-green  
$color-text-placeholder: $color-gray-medium  
  
$color-background-body: $color-gray-light  
$color-background-surface: $color-white  
$color-background-brand: $color-brand  
  
$color-icon: $color-brand  
$color-icon-inverse: $color-white  
$color-icon-disabled: $color-gray  
  
$color-border-light: $color-gray-cart  
$color-border-dark: $color-gray-medium  
$color-border-brand: $color-brand
```

Contextual Tokens

Define the contexts in which those values are used, refer to Global Tokens



```
$color-brand-primary: #002B48  
+$color-brand-alt: #663399  
  
- $color-background-brand: $color-brand  
+ $color-background-brand: $color-brand-alt  
$color-text-brand: $color-brand-primary  
$color-icon-brand: $color-brand-primary
```



The screenshot shows the provi platform interface. At the top, there is a purple header bar with the provi logo, a search bar, and navigation links for "10Pin Bowling Lounge/ Strike", "Orders", "Lists", "Reports", "Menu", and a shopping cart icon. Below the header, there is a main content area with a large image of a wave. On the left side of the wave, there is a circular logo for "WHITE CLAW HARD SELTZER". Below the logo is a purple button labeled "View More from White Claw". To the right of the wave, there are two product cards for "White Claw Hard Seltzer". The first card shows a can of "Black Cherry" flavor with a pink label and a "Shop Now" button. The second card shows a can of "Mango" flavor with a yellow label and a "Shop Now" button. Below these cards, there is a section titled "Top Picks for You" featuring four more products: "Stella Artois" (with a "DEAL" badge), "La Marca Prosecco DOC", "Hendrick's Gin", and "Wycliff Brut Champagne". Each product has a small image and a "Shop Now" button.

Component Tokens

Define the visual style of individual components, refer to Contextual or Global Tokens



Tokens

```
$button-primary-background: $color-background-brand  
$button-primary-text-color: $color-text-inverse  
$button-primary-font-weight: $font-weight-semibold  
$button-primary-font-size: $text-medium-font-size  
$button-primary-line-height: $text-medium-line-height  
$button-primary-border-radius: $border-radius-small  
$button-primary-padding: $spacing-8 $spacing-16
```



CSS

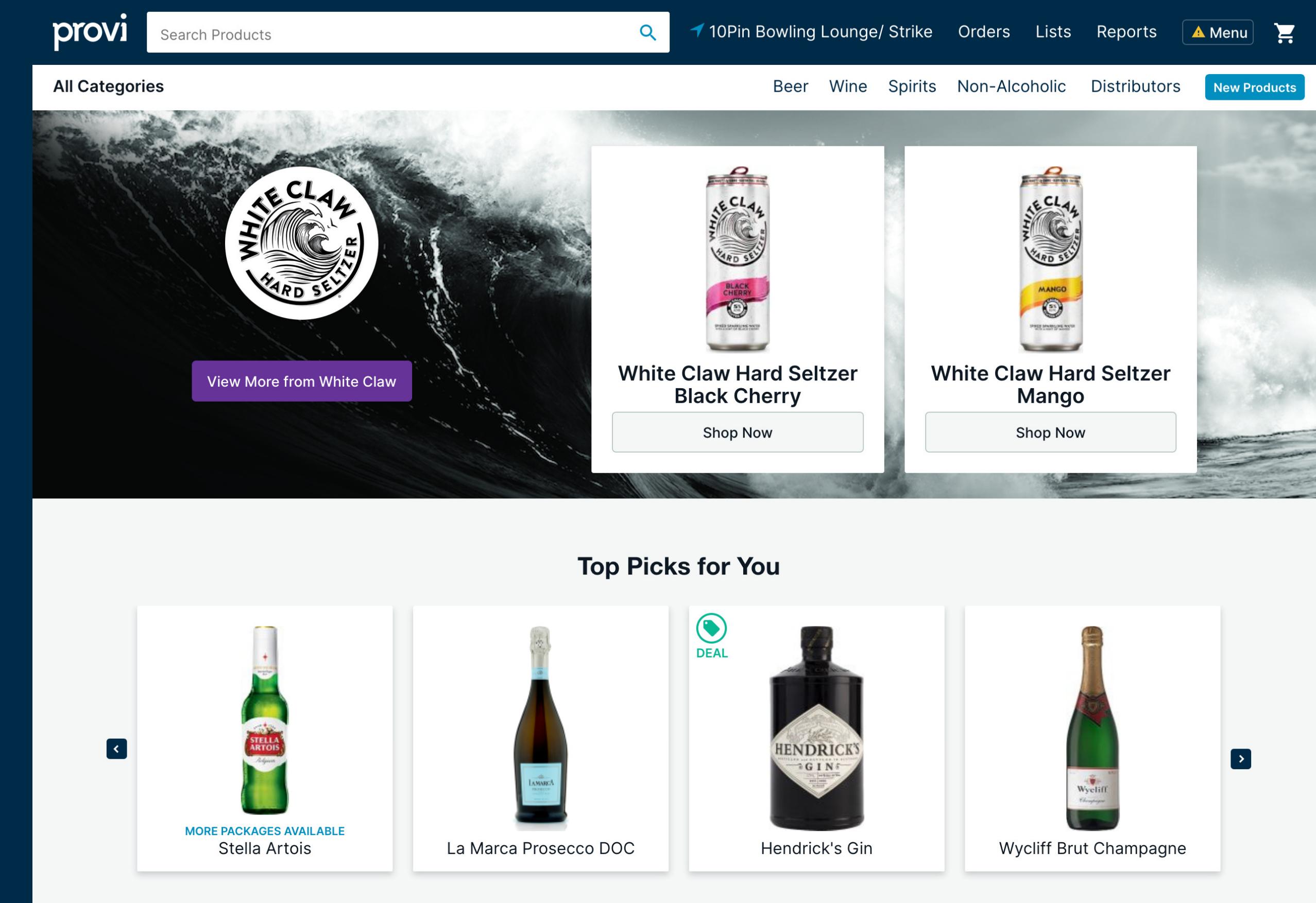
```
.button-primary {  
  background-color: $button-primary-background;  
  color: $button-primary-text-color;  
  font-weight: $button-primary-font-weight;  
  font-size: $button-primary-font-size;  
  line-height: $button-primary-line-height;  
  border-radius: $button-primary-border-radius;  
  padding: $button-primary-padding;  
}
```

Component Tokens

Define the visual style of individual components, refer to Contextual or Global Tokens



```
$color-brand-primary: #002B48  
+$color-brand-alt: #663399  
  
$color-background-brand: $color-brand-primary  
$color-text-brand: $color-brand-primary  
$color-icon-brand: $color-brand-primary  
  
- $button-primary-background: $color-brand-primary  
+ $button-primary-background: $color-brand-alt
```



The screenshot shows the provi application interface. At the top, there is a navigation bar with the brand logo 'provi', a search bar, and various menu options like '10Pin Bowling Lounge/ Strike', 'Orders', 'Lists', 'Reports', 'Menu', and a shopping cart icon. Below the navigation, there is a 'All Categories' section featuring a large image of a wave with the 'WHITE CLAW HARD SELTZER' logo overlaid. A purple button labeled 'View More from White Claw' is visible. To the right, there are two product cards for 'White Claw Hard Seltzer': one for 'Black Cherry' (pink can) and one for 'Mango' (yellow can). Each card includes a 'Shop Now' button. Below this, there is a 'Top Picks for You' section with four cards: 'Stella Artois' (green bottle), 'La Marca Prosecco DOC' (white bottle), 'Hendrick's Gin' (dark bottle with a 'DEAL' badge), and 'Wycliff Brut Champagne' (green bottle).

Theming with Tokens

The image displays four screenshots of Groupon and LivingSocial websites, arranged in a 2x2 grid. Each screenshot shows a listing for "Half Moon Bay Kayak Co." with a 4.8-star rating and 1,993 reviews. The listing is for a one-hour paddleboard or single- or double-kayak rental for two, originally \$65, now \$35, a 48% discount. It includes a 20% off coupon code (SALE3) valid until 5/14. The main image shows a person paddleboarding on a blue ocean under a cloudy sky. The interface includes a header with the platform logo, navigation links (Recently Viewed, Wishlist, Sell, Help), and a search bar. The bottom of each screenshot shows a dark footer bar with the Groupon logo and other site links.

Build Icon Library

- Build a cohesive icon set
- Create an SVG icon sprite
- Uses SVG <use> element to make multiple instances
- Styleable with CSS (color, size, hover states, animation, etc.)
- All instances will update when the sprite is updated
- UI Icons + Illustrative Icons

Icon Library

UI Icons



accessible



activity



ad



adjustments



alarm



alert-circle



alert-triangle



alien



align-center



align-justified



align-left



align-right



ambulance



anchor



aperture



apps



archive



arrow-back-up



arrow-back



arrow-bar-down



arrow-bar-left



arrow-bar-right



arrow-bar-up



arrow-down-circle



arrow-down-left-circle



arrow-down-left



arrow-down-right-circle



arrow-down-right



arrow-down



arrow-forward-up



arrow-forward



arrow-left-circle



arrow-left



arrow-narrow-down



arrow-narrow-left



arrow-narrow-right



arrow-narrow-up



arrow-right-circle



arrow-right



arrow-up-circle



arrow-up-left-circle



arrow-up-left



arrow-up-right-circle



arrow-up-right



arrow-up



arrows-diagonal-2



arrows-diagonal



arrows-horizontal



arrows-maximize



arrows-minimize



arrows-sort



arrows-vertical



artboard



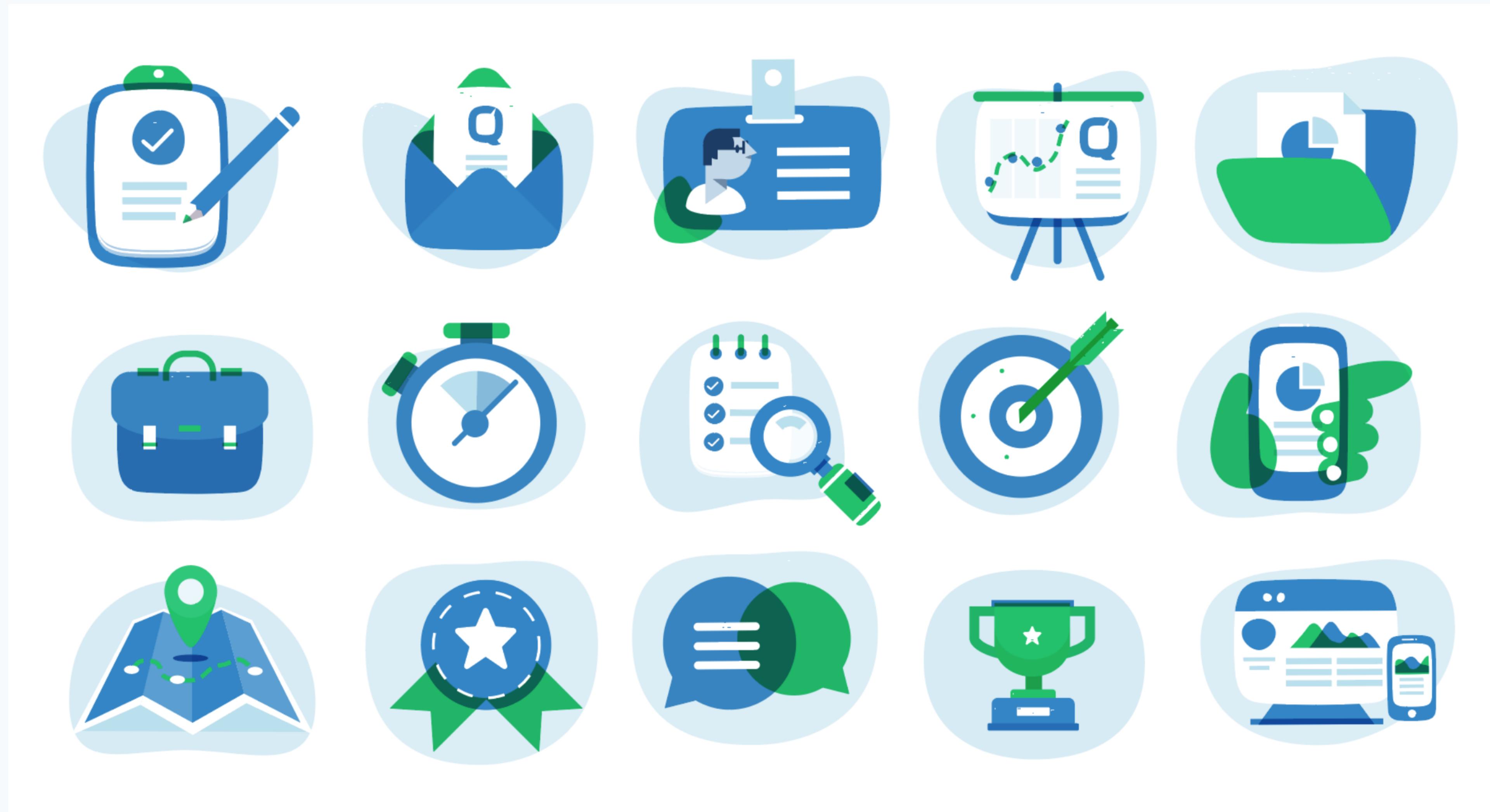
at



atom-2

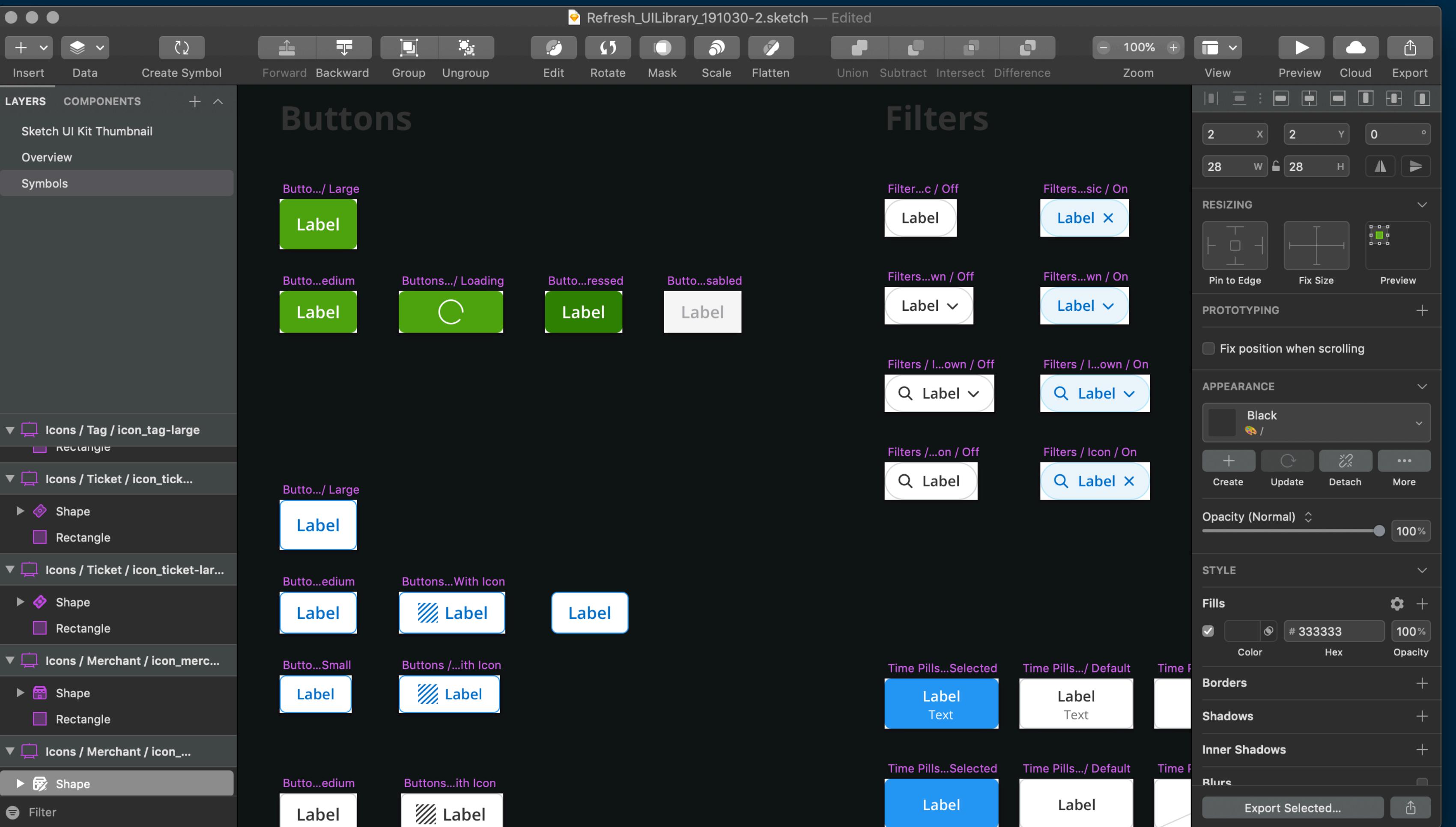
Icon Library

Illustrative Icons



Build UI Kit

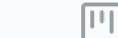
- Color Palette
- Type Styles
- Symbols



Build CSS Framework/Documentation

- Guidelines and code samples
- Built with Eleventy/Gulp/SCSS
- Uses Design Tokens
- Layout templates (RIP 12-column grid)
- Visual styles
- Helper classes for composition (flexbox, margins, etc.)
- Greatly reduces the amount of feature-specific styles required
- RSS feed for changelog
- Consumed via npm module

Provi-Engineering / provi-design-system 

 Code  Issues  Pull requests  Actions  Projects  Wiki  Security  Insights  Settings

 master   1 branch  1 tag  Go to file  Add file  Code

 peruvianidol	Remove critical CSS in compiled code	a526205 19 hours ago	 15 commits
 docs	Remove critical CSS in compiled code	19 hours ago	
 gulp-tasks	Remove critical css	20 hours ago	
 src	Update release info	20 hours ago	
 .eleventy.js	Rename blog/post to changelog/release; Change /dist to /docs	22 hours ago	
 .eleventyignore	Add ma-eleventy-bootstrap	2 days ago	
 .gitignore	Remove /docs from gitignore	22 hours ago	
 README.md	Add Netlify status badge to README.md	20 hours ago	
 gulpfile.js	Add ma-eleventy-bootstrap	2 days ago	
 package-lock.json	Add ma-eleventy-bootstrap	2 days ago	
 package.json	Update package.json	2 days ago	

README.md 

 netlify Success

Provi Design System

Documentation and CSS Framework for the Provi Design System.

Installation

1. Clone this repo
2. Run `npm install`
3. Run `npm start` to serve your Eleventy site at <https://localhost:8080> and watch for changes

Questions/Feedback? Email mike.aparicio@provi.com or file an issue in this repo. Thanks!

About

Documentation and CSS Framework
for the Provi Design System.

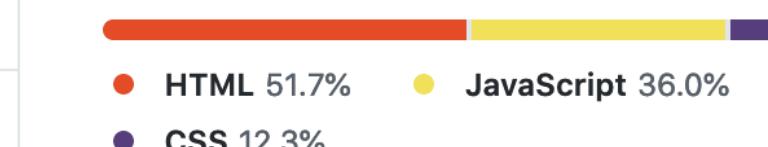
 relaxed-yallow-dee676.netlify.app/

 Readme

Releases 1

 Setup Eleventy 
20 hours ago

Languages

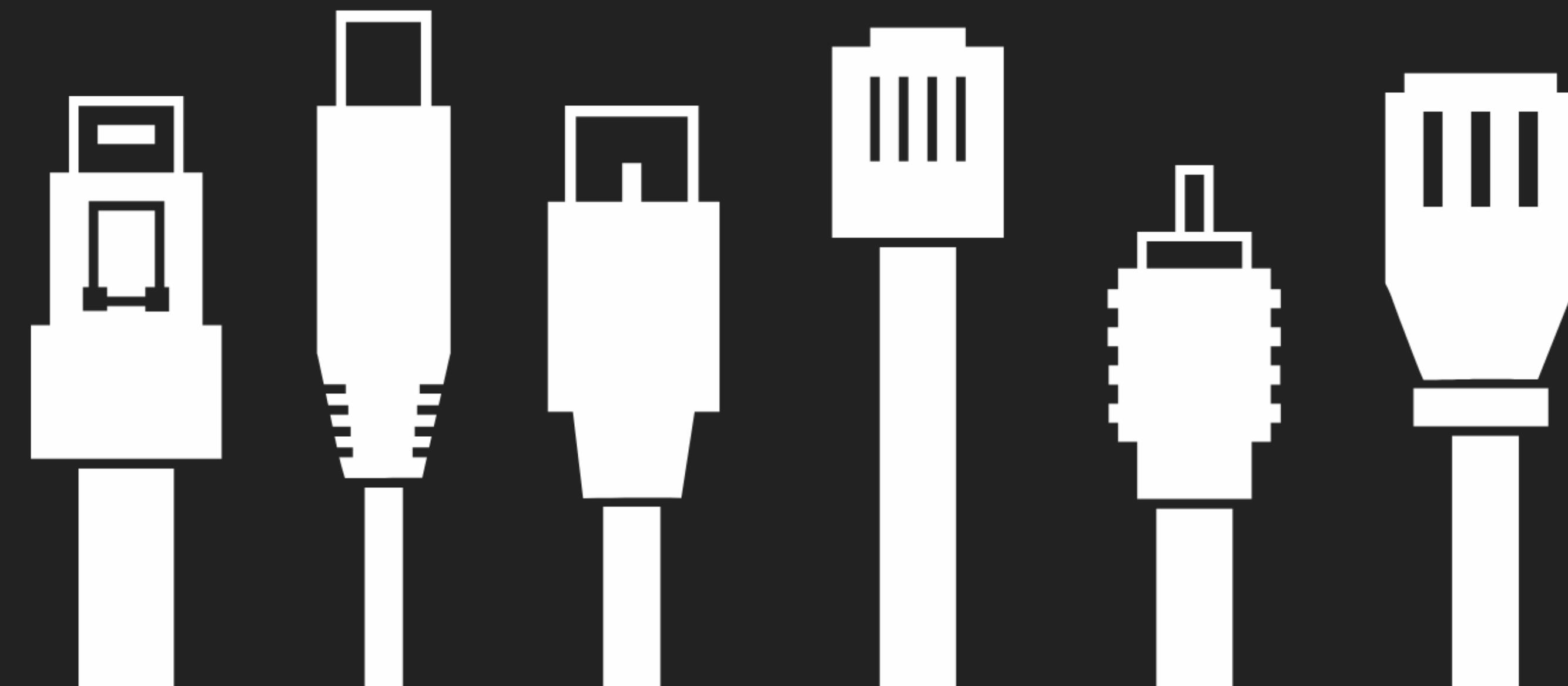


Build Component Library

- Engineers build reusable components using CSS Framework classes/ markup and design tokens
- Visual style changes via tokens or framework will propagate across all instances when updating to the newest version — without requiring code changes

Inclusive Components

A blog trying to be a pattern library. All about designing inclusive web interfaces, piece by piece.



bg: #022B48
 14px/18px 600 #022B48
 12px/16px 400 #022B48
 10px/14px 400 #022B48
 border: 1px solid #F5F7F7
 14px/18px 400 #022B48

Icon-bottle 16×16, #FFFFFF
 Icon-can 16×16, #FFFFFF
 Icon-keg 16×16, #FFFFFF
 14px/18px 400 #FFFFFF

bg: #158FBE
 16px
 11.2oz Bottle
 4px
 24 bottles/case - 6 pack
 12px
 Add to List

6px
 4px
 0 Cases in cart
 4px 12px
 16px

11.2oz Bottle
 24 bottles/case - 12 pack
 Add to List
 4px
 0 Cases in cart
 4px 8px

22.4oz Bottle
 12 bottles/case
 Add to List
 0 Cases in cart
 4px

8px 8px 16px
 Edit Custom Prices | Add Missing Product Size
 16px

border: 1px solid #022B48, 20px tall



.text-medium—strong

11.2oz Bottle

\$text-medium-font-size
\$text-medium-line-height
\$font-weight-semibold
\$color-text-default

.text-small

24 bottles/case - 6 pack

\$text-small-font-size
\$text-small-line-height
\$font-weight-regular
\$color-text-default

.text-tiny

Cases in cart

\$text-tiny-font-size
\$text-tiny-line-height
\$font-weight-regular
\$color-text-default

.button-text

Add to List

\$button-text-font-size
\$button-text-line-height
\$button-text-font-weight
\$button-text-color
\$button-text-padding

.link

Edit Custom Prices

\$text-small-font-size
\$text-small-line-height
\$font-weight-regular
\$color-text-brand

.option-list-item

\$option-list-item-background-color
\$option-list-item-bottom-border
\$option-list-item-padding

.form-container

\$form-container-background
\$form-container-border
\$form-container-border-radius
\$form-container-padding

.input-text

\$input-text-font-size
\$input-text-line-height
\$input-text-color
\$input-text-background
\$input-text-border
\$input-text-border-radius
\$input-text-padding

.icon-16



\$icon-size-16
\$color-icon-inverse

.button-icon-text



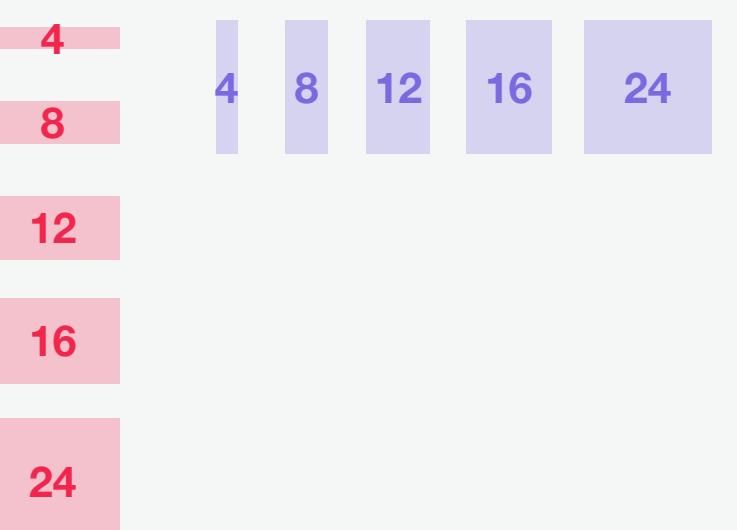
Kegs

\$button-icon-text-icon-size
\$button-icon-text-font-size
\$button-icon-text-line-height
\$button-icon-text-color
\$button-icon-text-background
\$button-icon-text-padding

.button-icon



\$button-icon-icon-size
\$button-icon-color
\$button-icon-background
\$button-icon-border
\$button-icon-border-radius
\$button-icon-padding



.button-icon-text:hover



Bottles

\$button-icon-text-hover-background

.button-icon:disabled



\$button-icon-color
\$button-icon-background

.button-icon-text
.button-icon-text:hover

 Bottles  Cans  Kegs

.option-list-item
.text-medium—strong
.text-small

16
11.2oz Bottle
16 4
24 bottles/case - 6 pack
8

Add to List 16

.form-container
.input-text
.text-tiny

0 8 Cases in cart - + 4 16

11.2oz Bottle
24 bottles/case - 12 pack

Add to List

0 Cases in cart - +

22.4oz Bottle
12 bottles/case

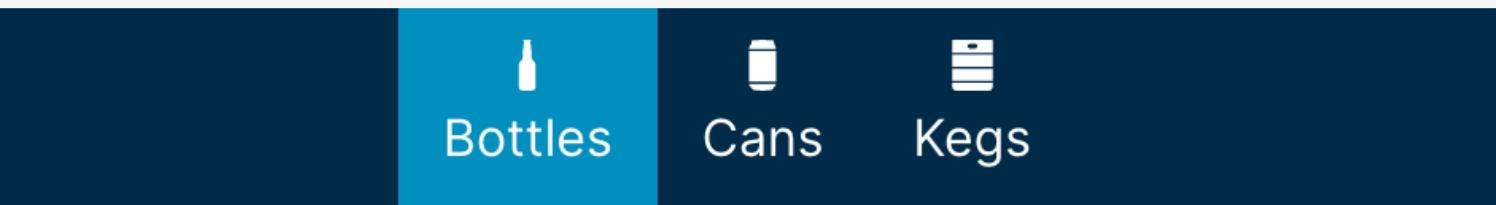
Add to List

0 Cases in cart - +

.link

16
Edit Custom Prices | Add Missing Product Size
16

.tab-list



.option-list-item

11.2oz Bottle

24 bottles/case - 6 pack

[Add to List](#)

0 Cases in cart

- +

.link-list

[Edit Custom Prices](#) | [Add Missing Product Size](#)

.container-picker

 Bottles  Cans  Kegs

11.2oz Bottle [Add to List](#)
24 bottles/case - 6 pack

0 Cases in cart - +

11.2oz Bottle [Add to List](#)
24 bottles/case - 12 pack

0 Cases in cart - +

22.4oz Bottle [Add to List](#)
12 bottles/case

0 Cases in cart - +

[Edit Custom Prices](#) | [Add Missing Product Size](#)



Global
HD

How do we get there?

Phased Approach

1. Survey - What are our expectations? How will we measure success? (Mike)
2. Audits - Where are we now? (Mike + Team)
3. Design Tokens - Single source of truth (Mike + Team)
4. UI Kit - Design is handing off consistent comps (Mike + Design)
5. CSS Framework - Teams can use the system on new features and refactor old code to use the system as time permits (Mike + Engineering)
6. Component Library - Bake CSS Framework into reusable components to further reduce time it takes to implement visual style changes (Engineering)
7. ????
8. PROFIT

Cycle 6

- Use Cycle 6 features to help prioritize system features
- Build Cycle 6 features with design system methodologies in mind
- Have v1 of design tokens finished by end of Cycle 6
- Piggyback design system implementation on top of Svelte migration
- Leverage design system beyond Cycle 6, adding to as needed
- Refactor the primary funnel?



A Design System isn't a Project. It's a Product, Serving Products.

Nathan Curtis

Shifting Focus from Design and Development to Managing and Marketing a System



Nathan Curtis

Feb 26, 2016 · 4 min read



Design systems result in tangible, often gorgeous outputs like a living style guide or array of design assets. When getting started, it *feels* like a project, evolving from early concepts to a celebrated (first) release of those assets for other people to use.

“We did it! We launched a guide. Mission accomplished.”

Post Launch

- Continue to iterate on the system as the company and the product grow
- Support adoption, education and evangelization of the system
- Cycle designers/devs onto the design system team to further spread knowledge and best practices across the org and give teammates a sense of ownership in the system
- Support design in delivering HTML/CSS prototypes using the system
- Support engineering in implementing the system
- Develop HTML/CSS guidelines
- Grow the design system team as needed

Visual Style

Color

Typography

Provi Design System



Our Design System is a **common language** across design, engineering and product that describes how we create digital products at Provi.

Questions?

mike.aparicio@provi.com
#design-system

<https://idol.pe/pds-deck>