CLEAN CODIFY YOUR DESIGN SYSTEM

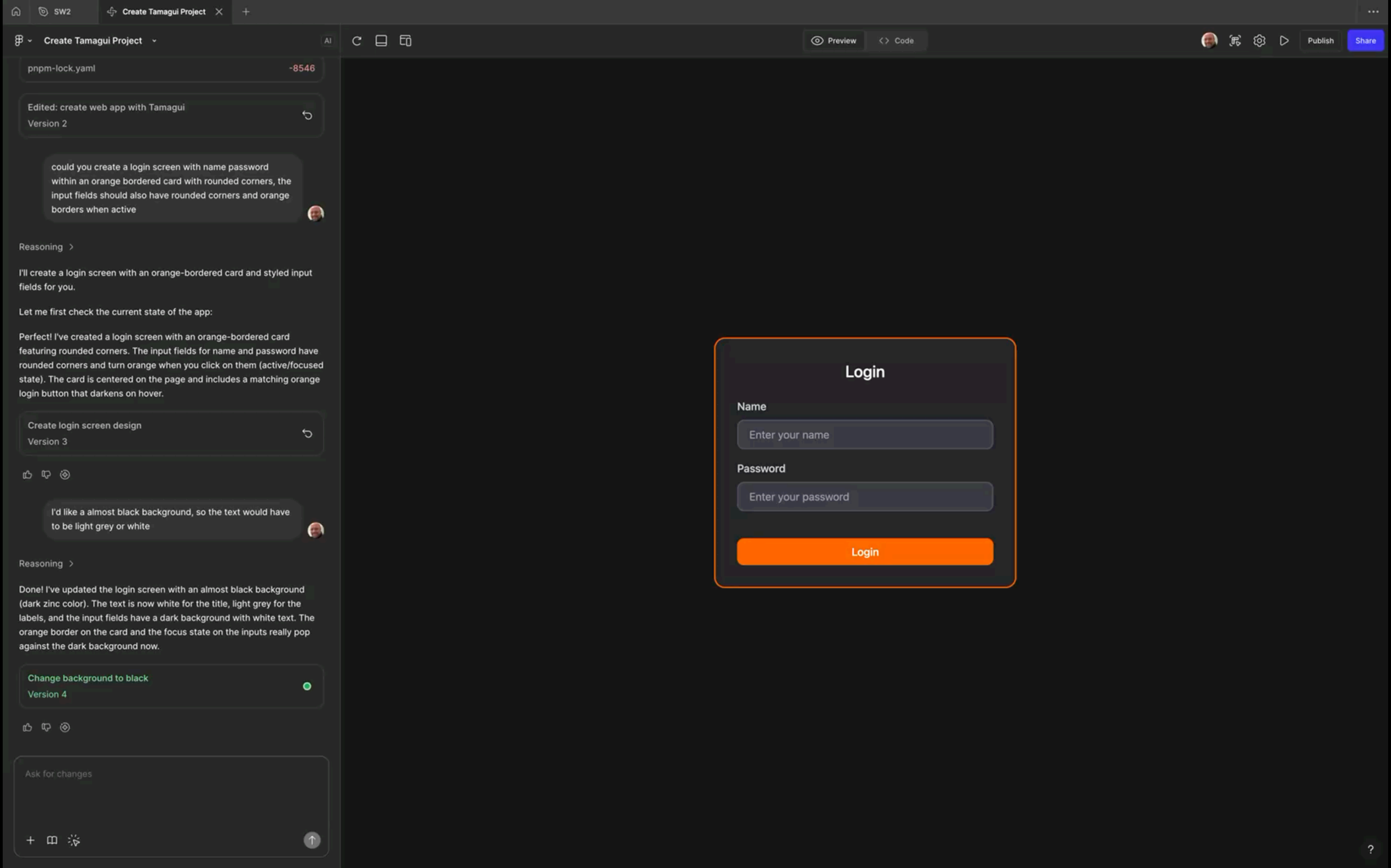
STEPHEN WHITE

CADEC 2026.01.22 & 2026.01.28 | CALLISTAENTERPRISE.SE

CALLISTA

AN UNEXPECTED SURPRISE

THE VIBE RESULT



pnpm-lock.yaml -8546

Edited: create web app with Tamagui
Version 2

could you create a login screen with name password within an orange bordered card with rounded corners, the input fields should also have rounded corners and orange borders when active

Reasoning >

I'll create a login screen with an orange-bordered card and styled input fields for you.

Let me first check the current state of the app:

Perfect! I've created a login screen with an orange-bordered card featuring rounded corners. The input fields for name and password have rounded corners and turn orange when you click on them (active/focused state). The card is centered on the page and includes a matching orange login button that darkens on hover.

Create login screen design
Version 3

I'd like a almost black background, so the text would have to be light grey or white

Reasoning >

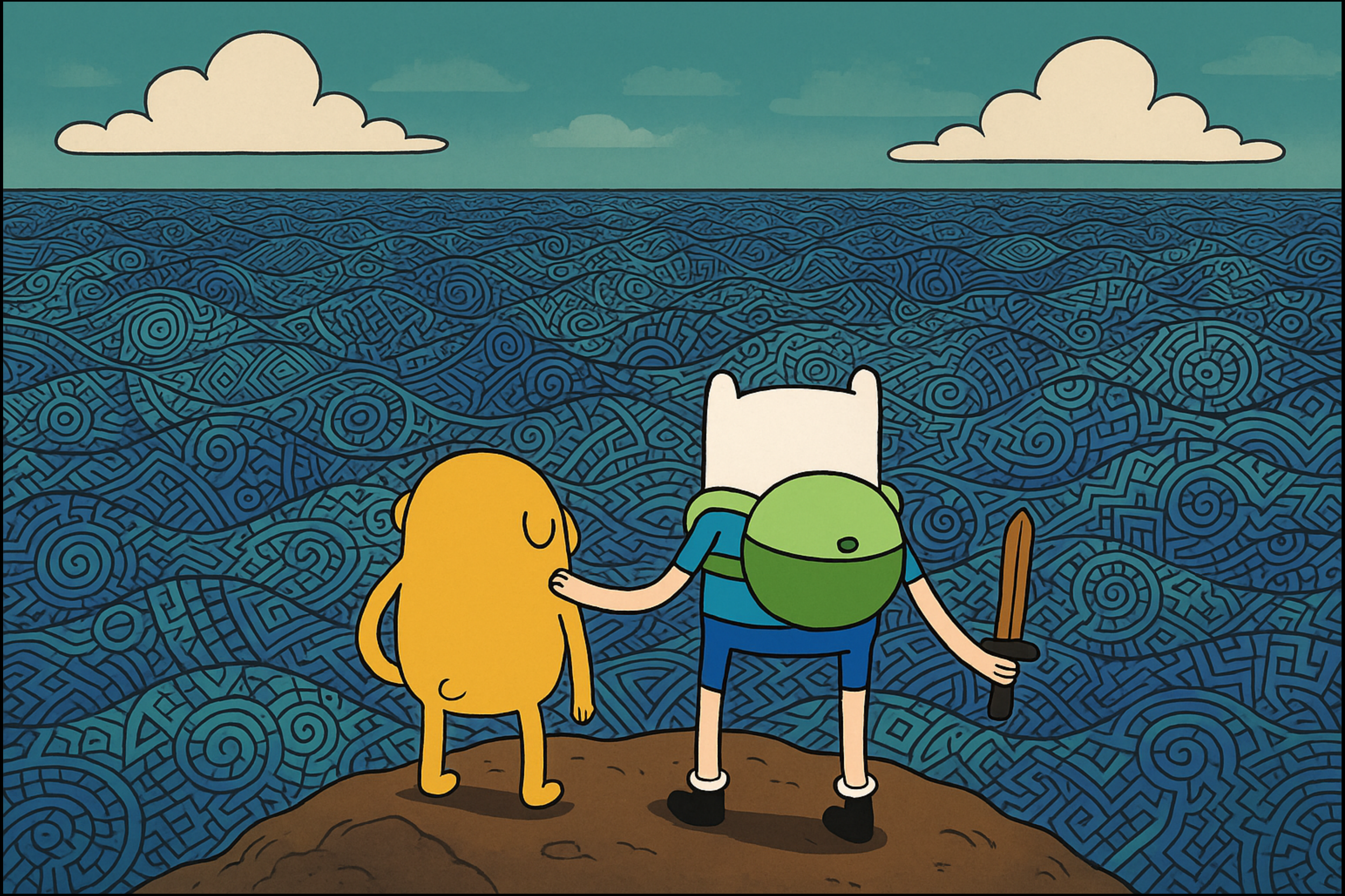
Done! I've updated the login screen with an almost black background (dark zinc color). The text is now white for the title, light grey for the labels, and the input fields have a dark background with white text. The orange border on the card and the focus state on the inputs really pop against the dark background now.

Change background to black
Version 4

The “Technical Bill”

MAINTENANCE BILL $$+
RIP
FAILED AI STARTUPS
BROKEN VIBES
THE GRAVEYARD
VIBE CODE
45% LONGER
THE DEBT

Desprote the speed, the fallure rate for Ai-native startups is projected at 90%.



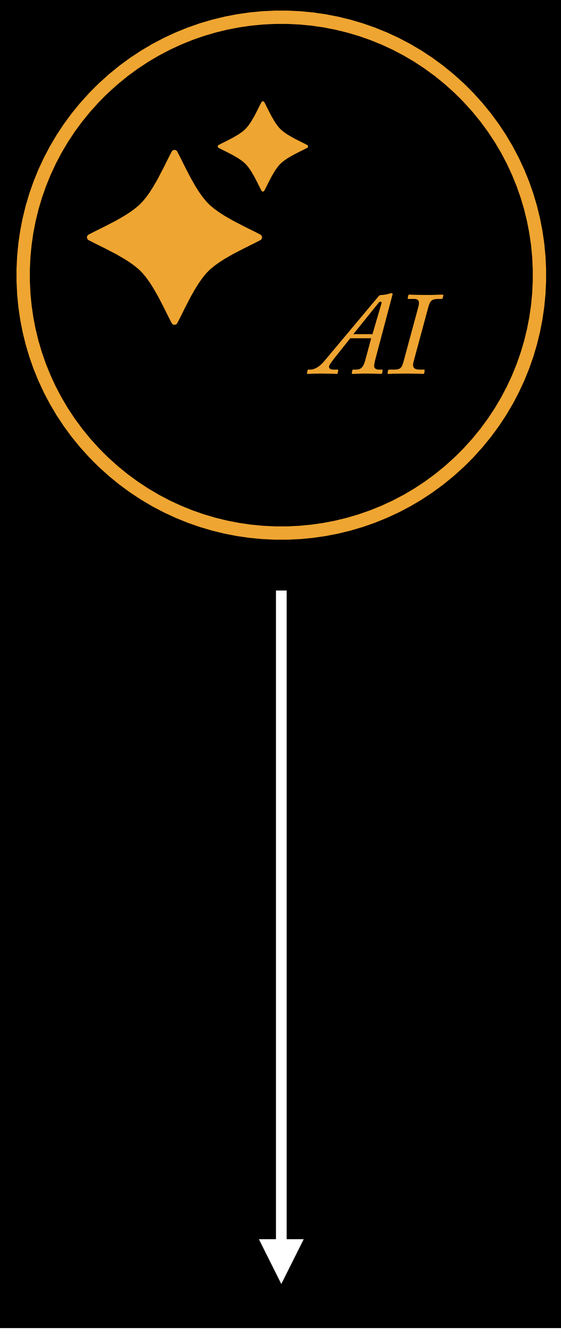
THE MCP RESULT

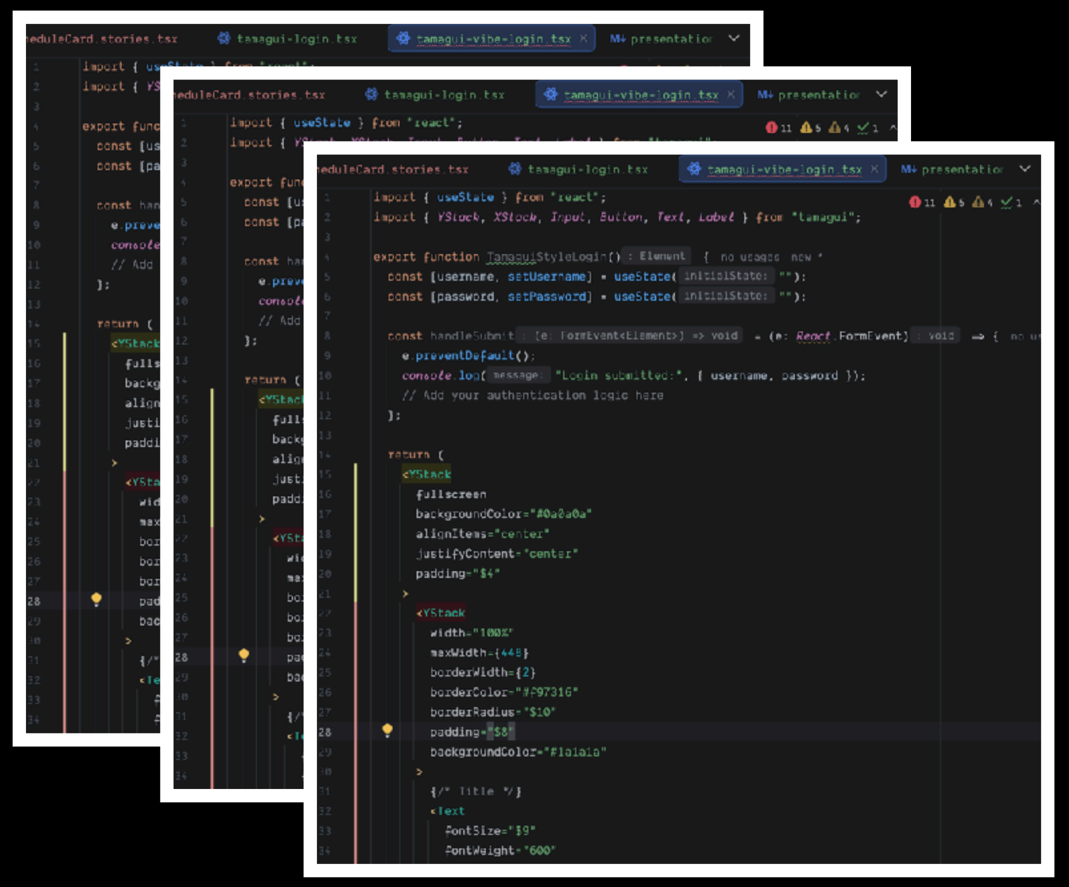
SW2
Team project
File
Assets
Pages
Foundations
Components
Images
Screenshots
Layers
Brad frost - atomic design - atoms
Layout
ScreenLayout
Login
ScreenLayout
Title
Title
Input
Label
TextInput
Input
Button
send
Skicka
terminal-square
AskQuestion
ScreenLayout
TextArea
Label
.textarea
Button
TextArea
.textarea
char/count
send
value
Login
Cadec Login
email
password
Login in
332 Fill × 305
Share
Design
Prototype
247%
Frame
Position
Alignment
Position
Rotation
Auto layout
Flow
Resizing
Alignment
Gap
Padding
Clip content
Appearance
Opacity
Corner radius
Fill
Stroke
Position
Weight
Effects
Selection colors
+4
Layout guide
Export

X 43
Y 65
Rotation 0°
W 332 Fill
H 305
Gap 28
Padding 8 8
☑ Clip content
Opacity 100%
Corner radius 12
Fill: surface/default
Stroke: border/action
Position: Inside
Weight: 1

ITS ALL ABOUT CONTEXT

AI TO CODE GENERATION - VIBE CODING



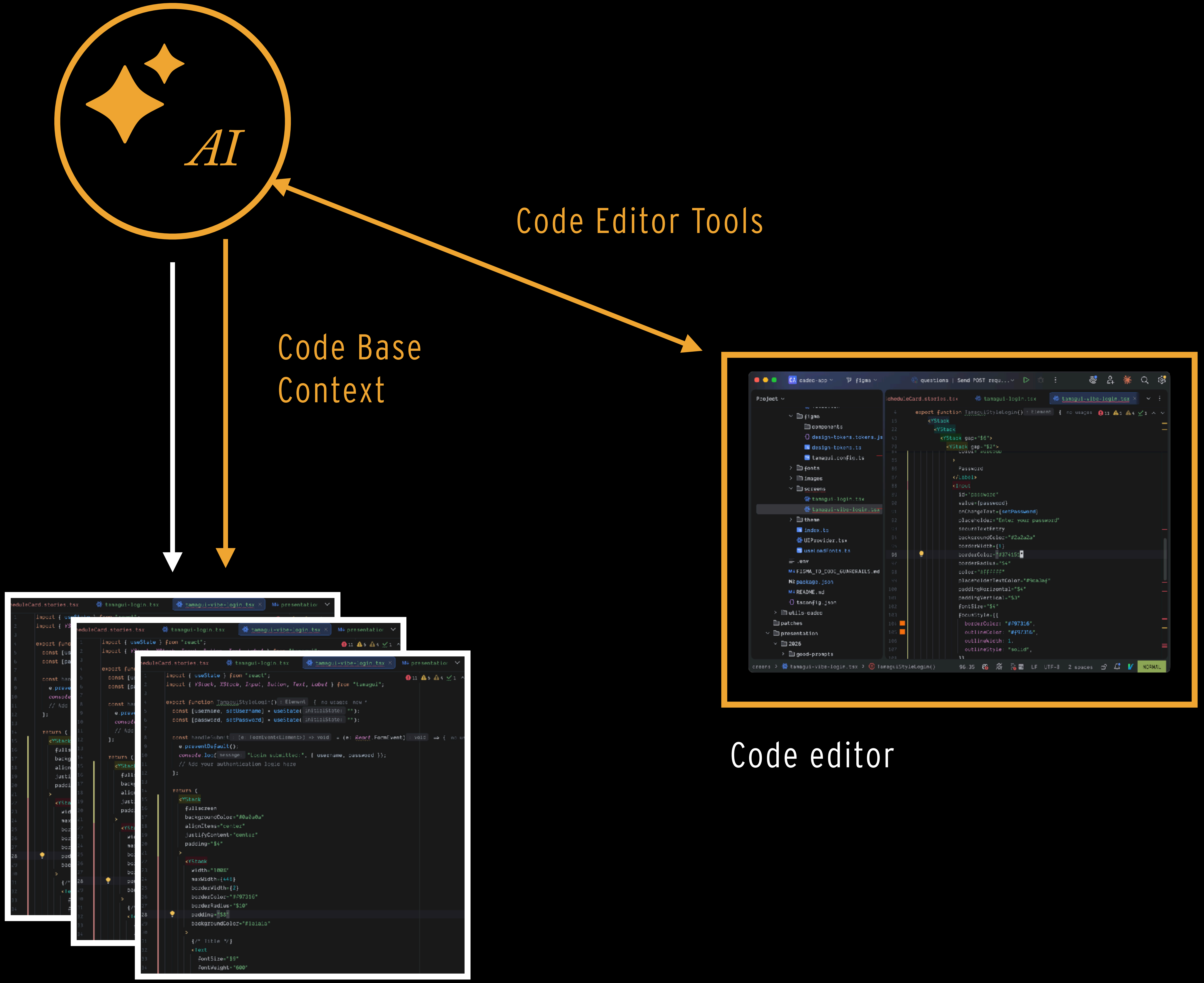


```
import { useState } from "react";
import { YStack, XStack, Input, Button, Text, Label } from "tamagui";

export function TamaguiStyleLogin() : Element  { no usages  new *
  const [username, setUsername] = useState( initialState: "");
  const [password, setPassword] = useState( initialState: "");

  const handleSubmit : (e: FormEvent<Element>) => void  = (e: React.FormEvent) : void  => {
    e.preventDefault();
    console.log( message: "Login submitted:", { username, password });
    // Add your authentication logic here
  };

  return (
    <YStack
      fullscreen
      backgroundColor="#0a0a0a"
      alignItems="center"
      justifyContent="center"
      padding="$4"
    >
      <YStack
        width="100%"
        maxWidth={448}
        borderWidth={2}
        borderColor="#F97316"
        borderRadius="$10"
        padding="$8"
        backgroundColor="#1a1a1a"
      >
        {/* Title */}
        <Text
          fontSize="$9"
          fontWeight="600"
```

Code Generation

CALLISTA

AI TO CODE - WITH A CODE CONTEXT



Code Editor Tools

Code Base
Context

Code editor

```
import { useState } from "react";
import { YStack, XStack, Input, Button, Text, Label } from "tamagui";

export function TamaguiStyleLogin() : Element  { no usages  new *
  const [username, setUsername] = useState( initialState: "");
  const [password, setPassword] = useState( initialState: "");

  const handleSubmit : (e: FormEvent<Element>) => void  = (e: React.FormEvent) : void  => {
    e.preventDefault();
    console.log( message: "Login submitted:", { username, password });
    // Add your authentication logic here
  };

  return (
    <YStack
      fullscreen
      backgroundColor="#0a0a0a"
      alignItems="center"
      justifyContent="center"
      padding="$4"
    >
      <YStack
        width="100%"
        maxWidth={448}
        borderWidth={2}
        borderColor="#F97316"
        borderRadius="$10"
        padding="$8"
        backgroundColor="#1a1a1a"
      >
        {/* Title */}
        <Text
          fontSize="$9"
          fontWeight="600"
```

Code Generation

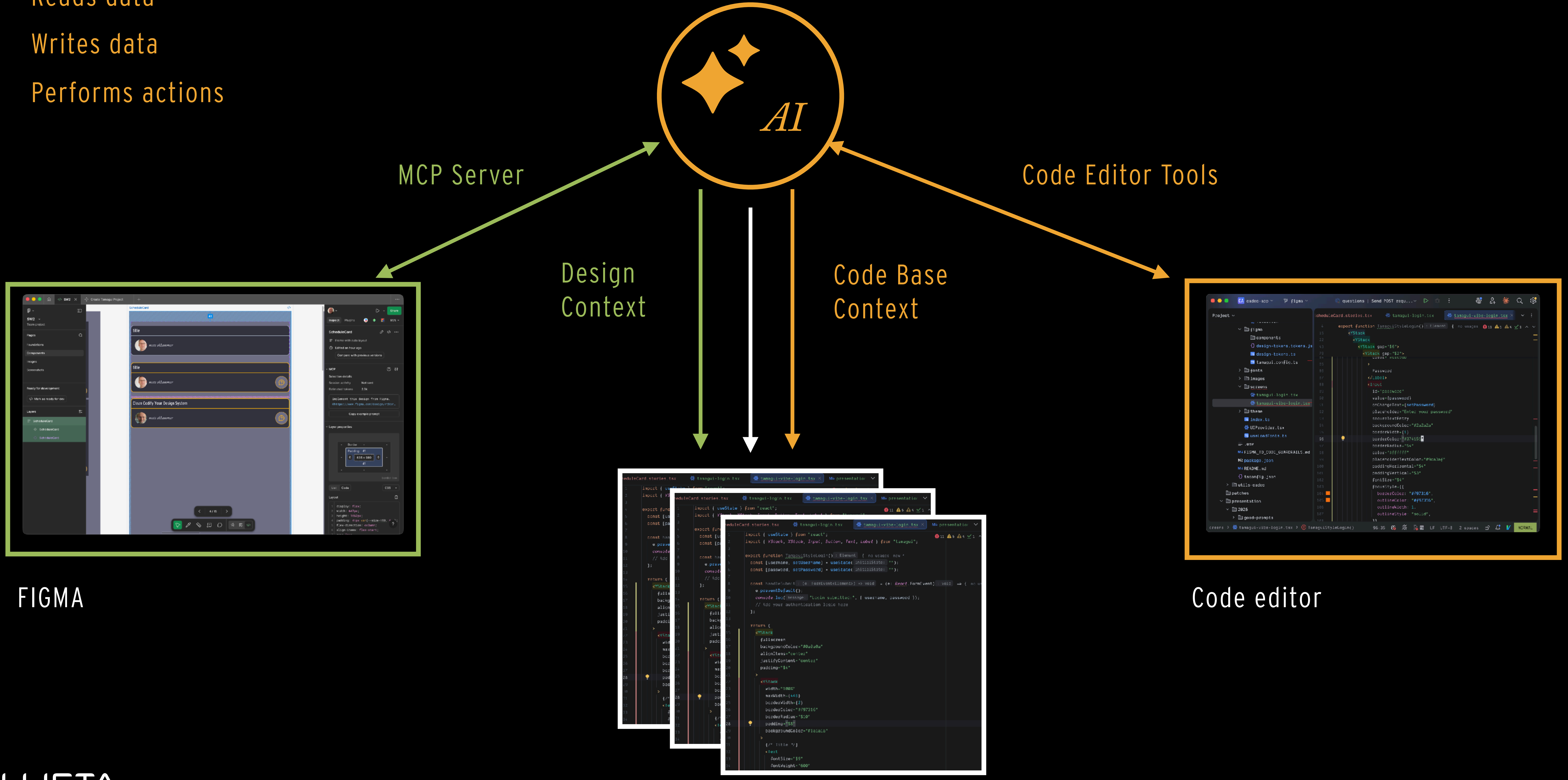
CALLISTA

AI TO CODE - WITH CODE AND DESIGN CONTEXT - MCP

Reads data

Writes data

Performs actions



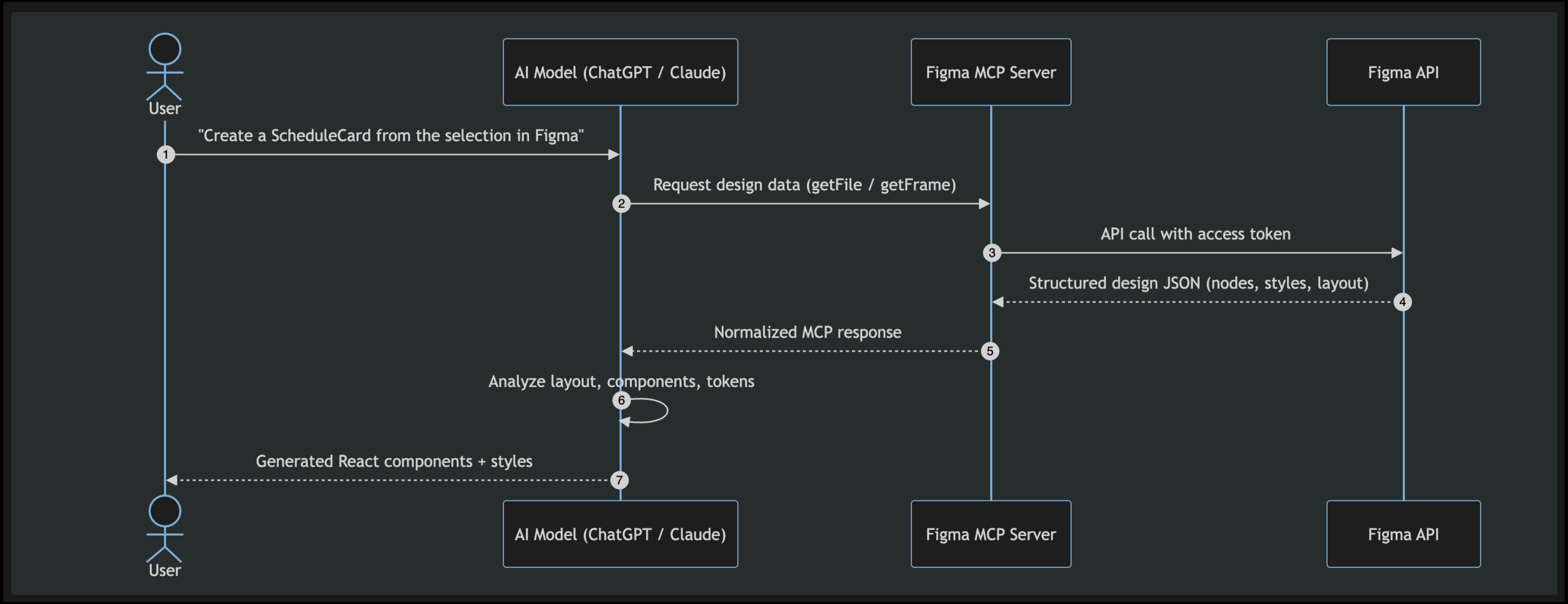
```
import { useState } from "react";
import { YStack, XStack, Input, Button, Text, Label } from "tamagui";

export function TamaguiStyleLogin() {
  const [username, setUsername] = useState("");
  const [password, setPassword] = useState("");

  const handleSubmit = (e: React.FormEvent) => {
    e.preventDefault();
    console.log("Login submitted:", { username, password });
    // Add your authentication logic here
  };

  return (
    <YStack
      fullscreen
      backgroundColor="#0a0a0a"
      alignItems="center"
      justifyContent="center"
      padding="$4"
    >
      <YStack
        width="100%"
        maxWidth={448}
        borderWidth={2}
        borderColor="#F97316"
        borderRadius="$10"
        padding="$8"
        backgroundColor="#1a1a1a"
      >
        {/* Title */}
        <Text
          fontSize="$9"
          fontWeight="600"
```

FIGMA

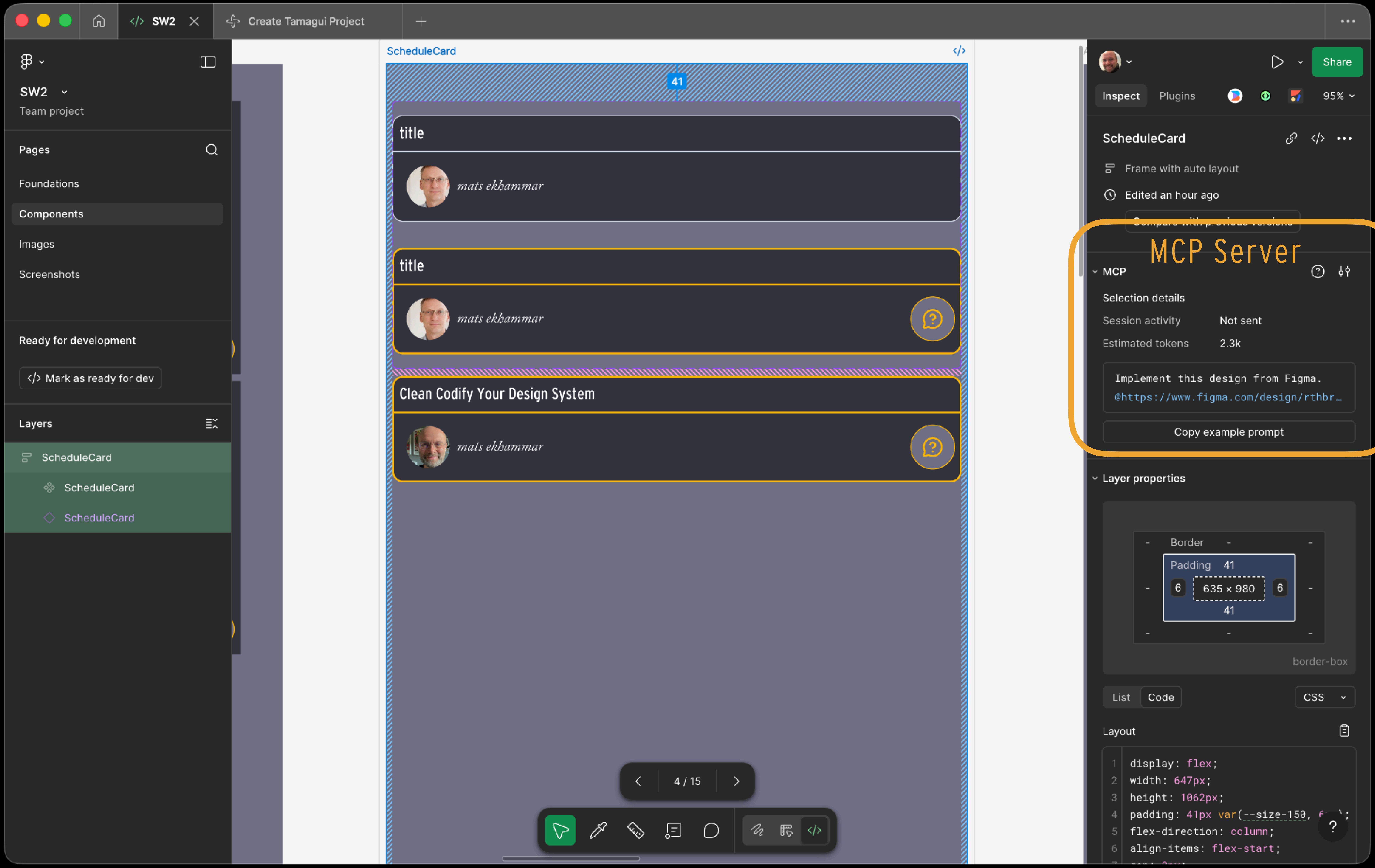
Code Generation

Code editor

FROM PROMPT TO CLEAN CODE!

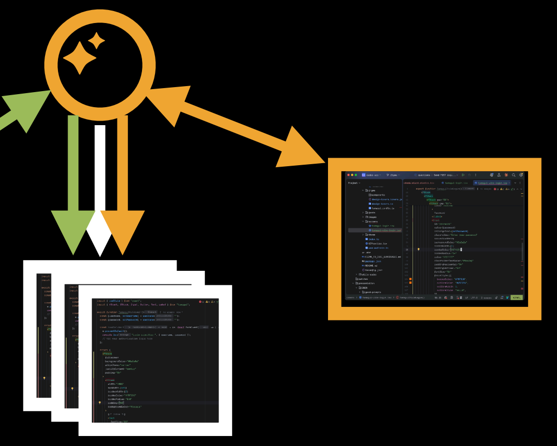

User
AI Model (ChatGPT / Claude)
Figma MCP Server
Figma API
1
"Create a ScheduleCard from the selection in Figma"
2
Request design data (getFile / getFrame)
3
API call with access token
4
Structured design JSON (nodes, styles, layout)
5
Normalized MCP response
6
Analyze layout, components, tokens
7
Generated React components + styles
User
AI Model (ChatGPT / Claude)
Figma MCP Server
Figma API

AI TO CODE - WITH CODE AND DESIGN CONTEXT - MCP



```
Implement this design from Figma.
@https://www.figma.com/design/rthbr…
```

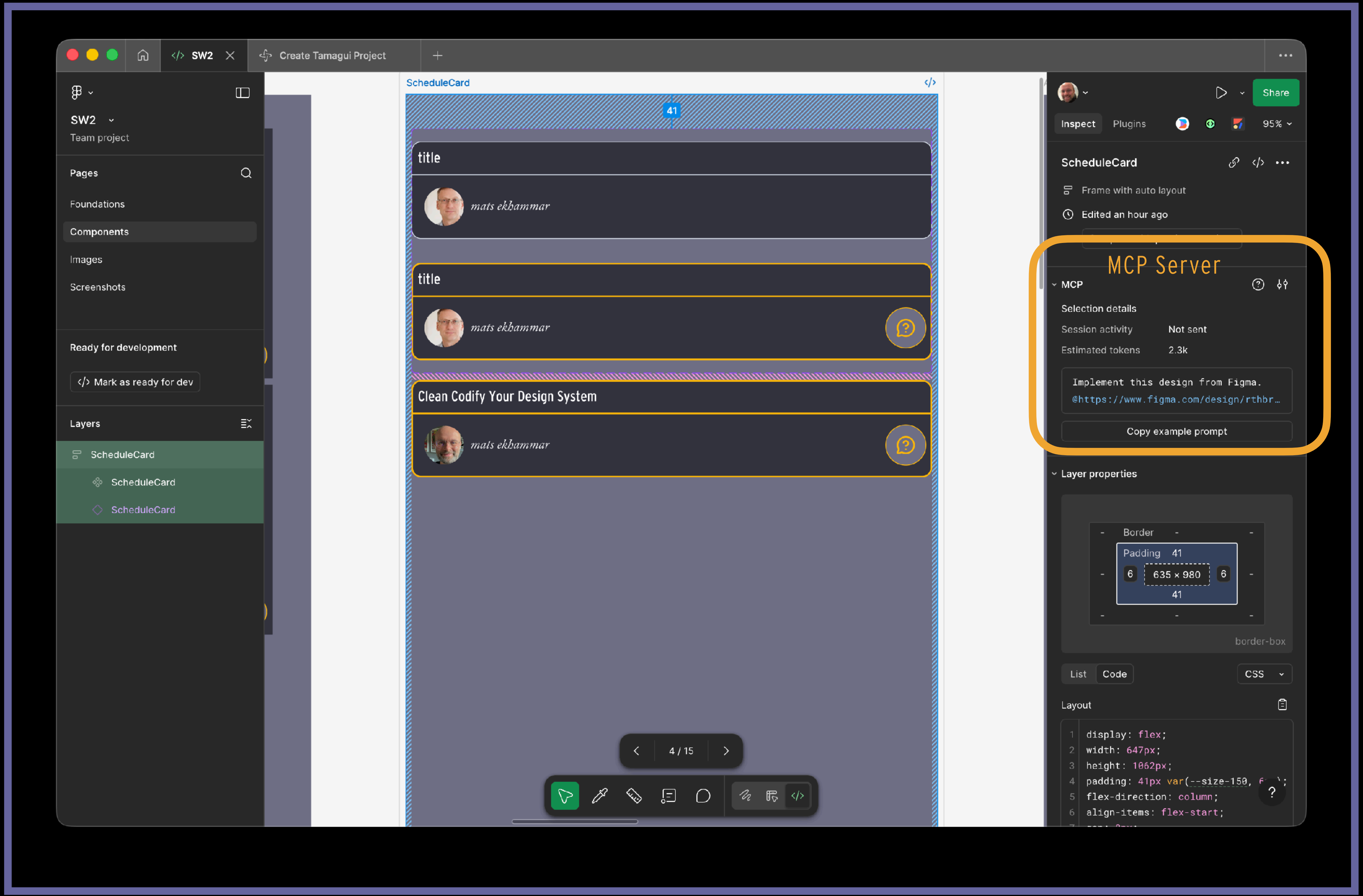
```css
display: flex;
width: 647px;
height: 1062px;
padding: 41px var(--size-150, 6 );
flex-direction: column;
align-items: flex-start;
```



FIGMA

CALLISTA

AI TO CODE - WITH CODE AND DESIGN CONTEXT - MCP



Selection details
Session activity Not sent
Estimated tokens 2.3k

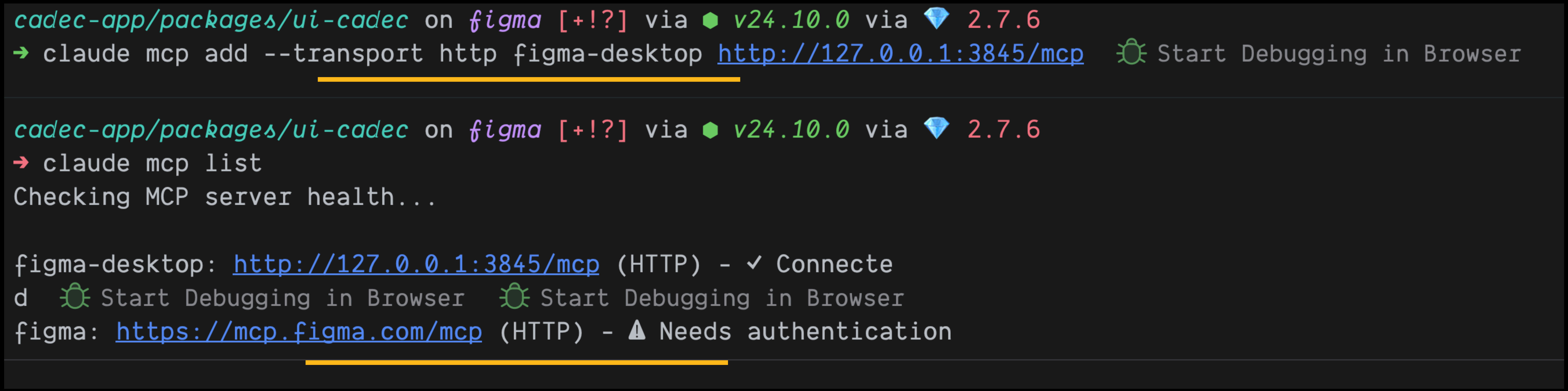
```
Implement this design from Figma.
@https://www.figma.com/design/rthbr…
```

Copy example prompt

```css
display: flex;
width: 647px;
height: 1062px;
padding: 41px var(--size-150, 6);
flex-direction: column;
align-items: flex-start;
```

FIGMA

Add Figma MCP to Claude



```
cadec-app/packages/ui-cadec on figma [+!?] via ⬢ v24.10.0 via 💎 2.7.6
➜ claude mcp add --transport http figma-desktop http://127.0.0.1:3845/mcp  Start Debugging in Browser

cadec-app/packages/ui-cadec on figma [+!?] via ⬢ v24.10.0 via 💎 2.7.6
➜ claude mcp list
Checking MCP server health...

figma-desktop: http://127.0.0.1:3845/mcp (HTTP) - ✓ Connecte
d  Start Debugging in Browser  Start Debugging in Browser
figma: https://mcp.figma.com/mcp (HTTP) - ⚠ Needs authentication
```

WHY THE MCP MATTERS

Without MCP:

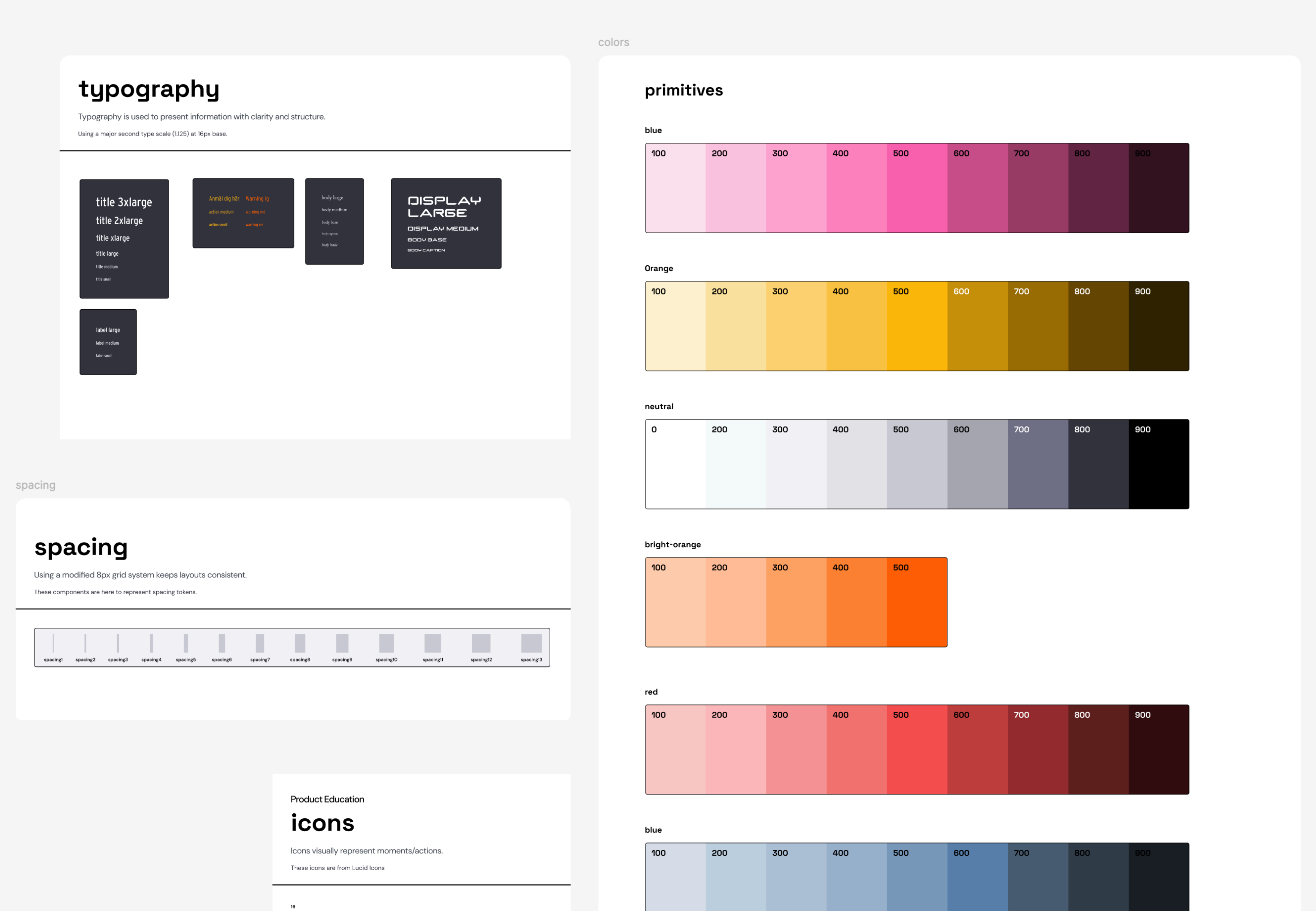
You describe designs in text
You paste screenshots
The AI guesses structure and intent

With a Figma MCP server:

*The AI gets **structured design data***
No guessing about spacing, fonts, or components
Much more accurate design-to-code or design review workflows

CREATING THE DESIGN CONTEXT

DESIGN SYSTEM - PRIMITIVES



colors

spacing

typography

Typography is used to present information with clarity and structure.

Using a major second type scale (1.125) at 16px base.

spacing

Using a modified 8px grid system keeps layouts consistent.

These components are here to represent spacing tokens.

Product Education

icons

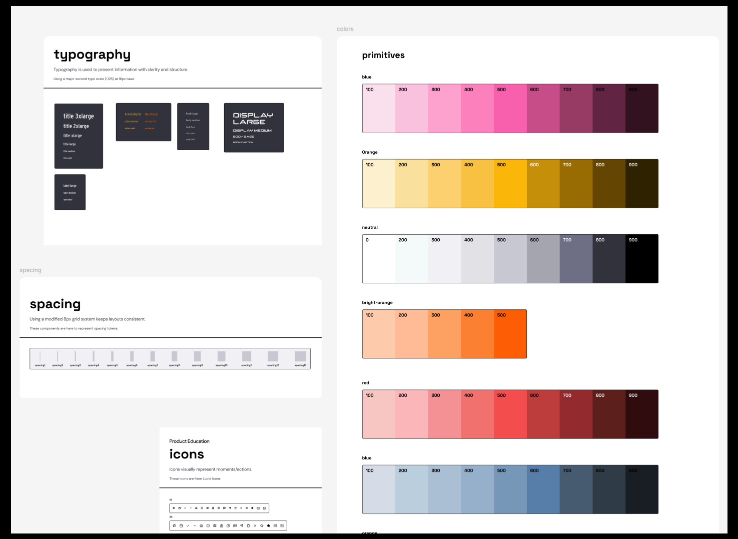
Icons visually represent moments/actions.

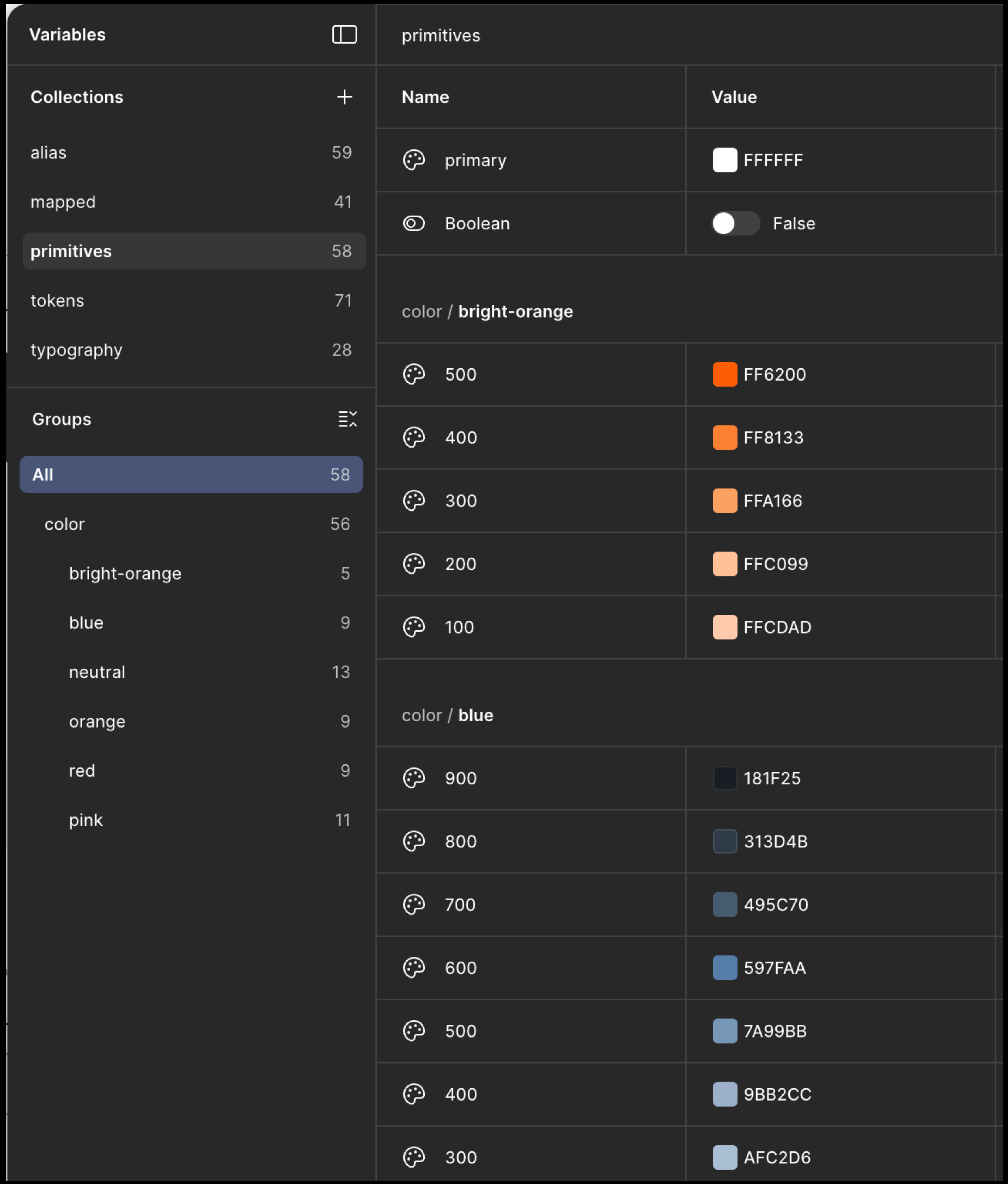
These icons are from Lucid Icons

primitives

CALLISTA

DESIGN SYSTEM - VALUES TO VARIABLES





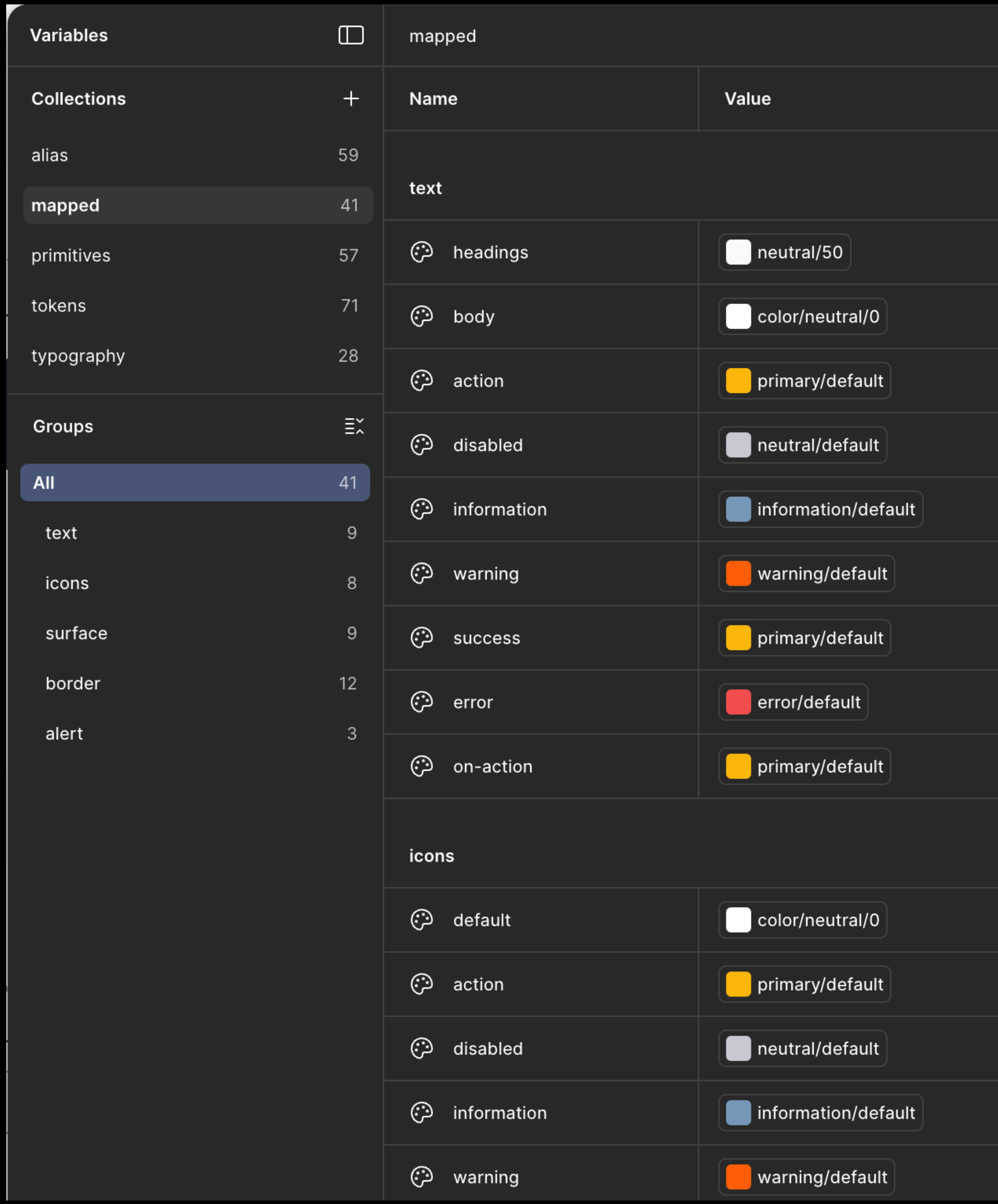
Variables

Collections	
alias	59
mapped	41
primitives	58
tokens	71
typography	28

Groups	
All	58
color	56
bright-orange	5
blue	9
neutral	13
orange	9
red	9
pink	11

primitives

Name	Value
primary	FFFFFF
Boolean	False
color / **bright-orange**	
500	FF6200
400	FF8133
300	FFA166
200	FFC099
100	FFCDAD
color / **blue**	
900	181F25
800	313D4B
700	495C70
600	597FAA
500	7A99BB
400	9BB2CC
300	AFC2D6



Variables

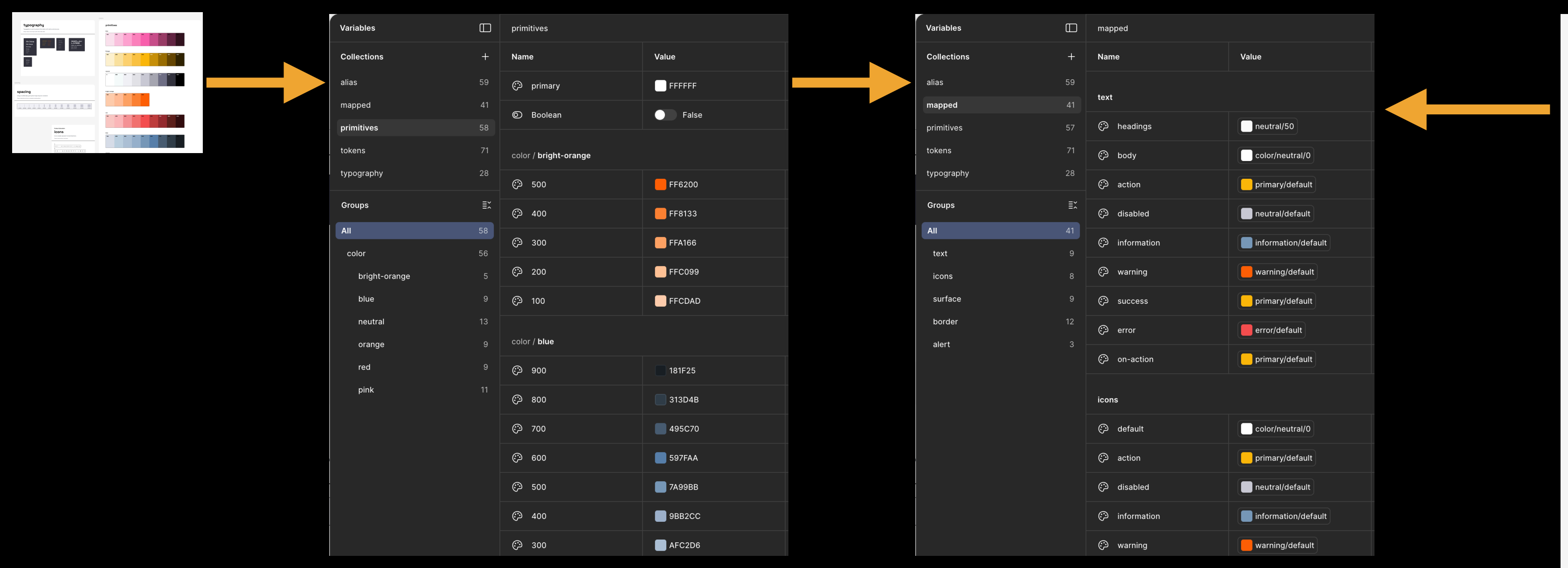
Collections	
alias	59
mapped	41
primitives	57
tokens	71
typography	28

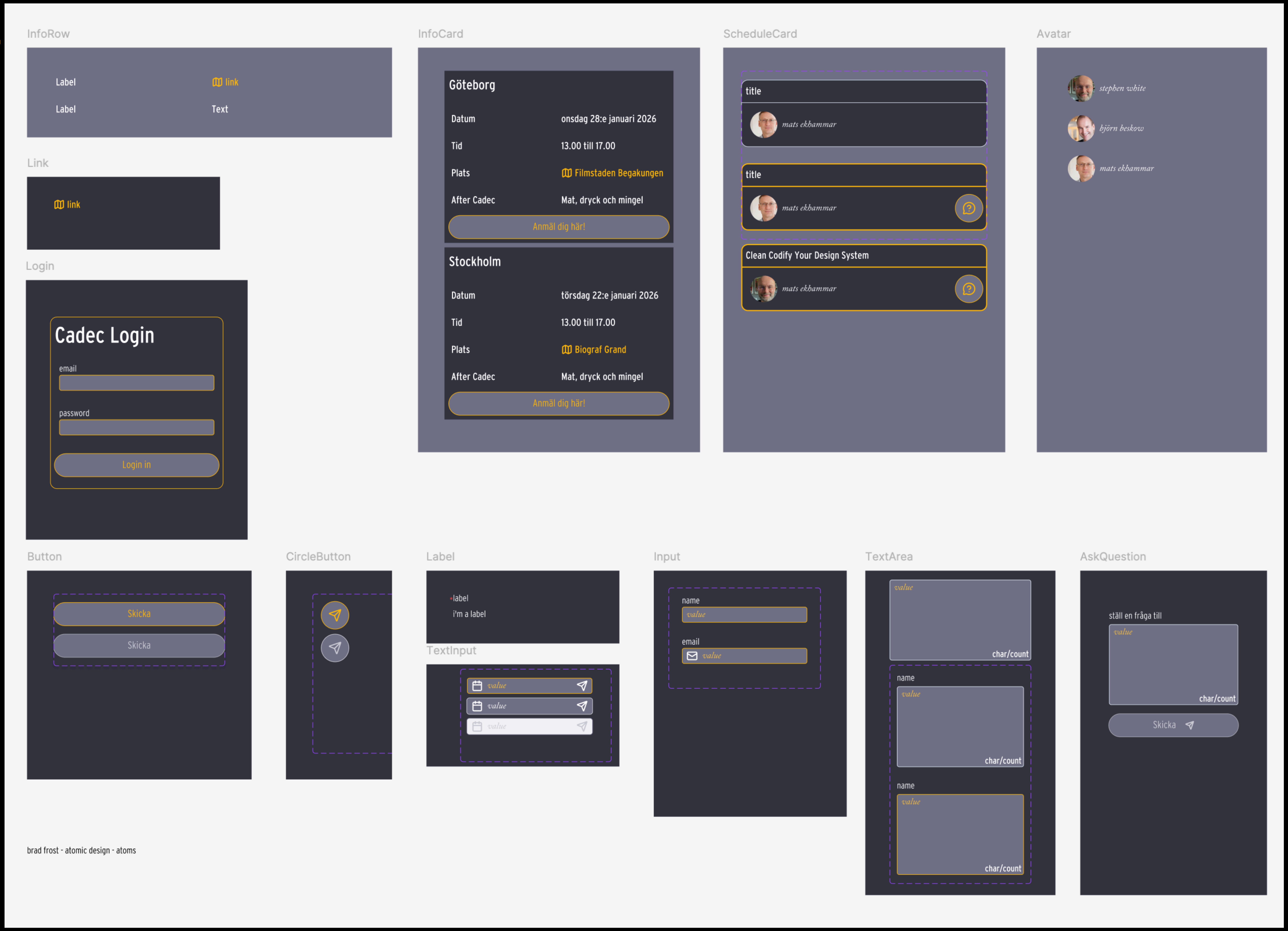
Groups	
All	41
text	9
icons	8
surface	9
border	12
alert	3

mapped

Name	Value
text	
headings	neutral/50
body	color/neutral/0
action	primary/default
disabled	neutral/default
information	information/default
warning	warning/default
success	primary/default
error	error/default
on-action	primary/default
icons	
default	color/neutral/0
action	primary/default
disabled	neutral/default
information	information/default
warning	warning/default

DESIGN SYSTEM - COMPONENTS





InfoRow

Label link

Label Text

Link

link

Login

Cadec Login

email

password

Login in

InfoCard

Göteborg

Datum onsdag 28:e januari 2026

Tid 13.00 till 17.00

Plats Filmstaden Begakungen

After Cadec Mat, dryck och mingel

Anmäl dig här!

Stockholm

Datum torsdag 22:e januari 2026

Tid 13.00 till 17.00

Plats Biograf Grand

After Cadec Mat, dryck och mingel

Anmäl dig här!

ScheduleCard

title

mats ekhammar

title

mats ekhammar

Clean Codify Your Design System

mats ekhammar

Avatar

stephen white

björn beskow

mats ekhammar

Button

Skicka

Skicka

CircleButton

Label

label

i'm a label

TextInput

value

value

value

Input

name

value

email

value

TextArea

value

char/count

name

value

char/count

name

value

char/count

AskQuestion

ställ en fråga till

value

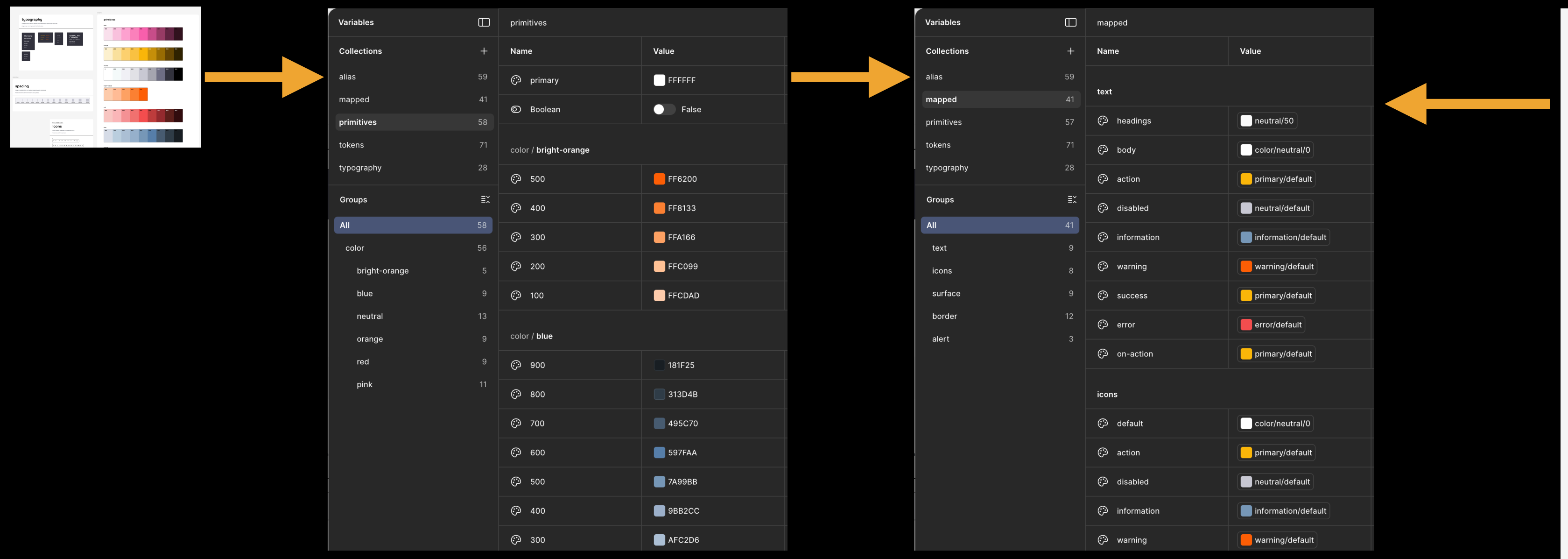
char/count

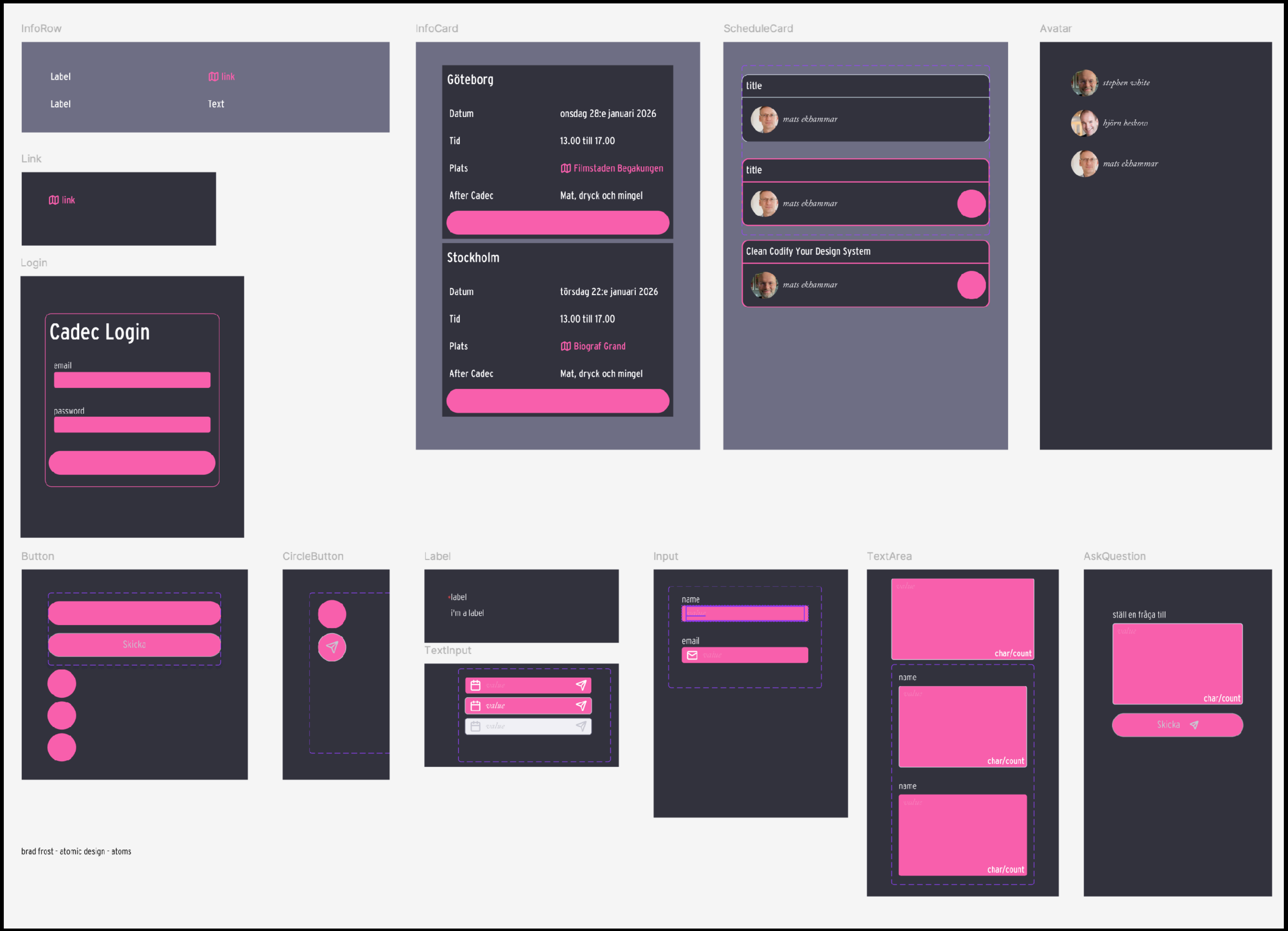
Skicka

brad frost - atomic design - atoms

CALLISTA

DESIGN SYSTEM - COMPONENTS - SEMANTIC CHANGE





Göteborg
Datum onsdag 28:e januari 2026
Tid 13.00 till 17.00
Plats Filmstaden Bergakungen
After Cadec Mat, dryck och mingel

Stockholm
Datum torsdag 22:e januari 2026
Tid 13.00 till 17.00
Plats Biograf Grand
After Cadec Mat, dryck och mingel

title
mats ekhammar
title
mats ekhammar
Clean Codify Your Design System
mats ekhammar

stephen white
björn beskow
mats ekhammar

SOURCE OF TRUTH

DESIGN SYSTEM THAT ONLY LIVES IN FIGMA - A MAP WITHOUT A ROAD

Eliminating the "Handover" Cold Case

JSON
Design Tokens
CSS
CSS
Button
FIGMA
CODE
One Truth

```
{ "color-brand-primary:
  "#03A9F4,
},
```

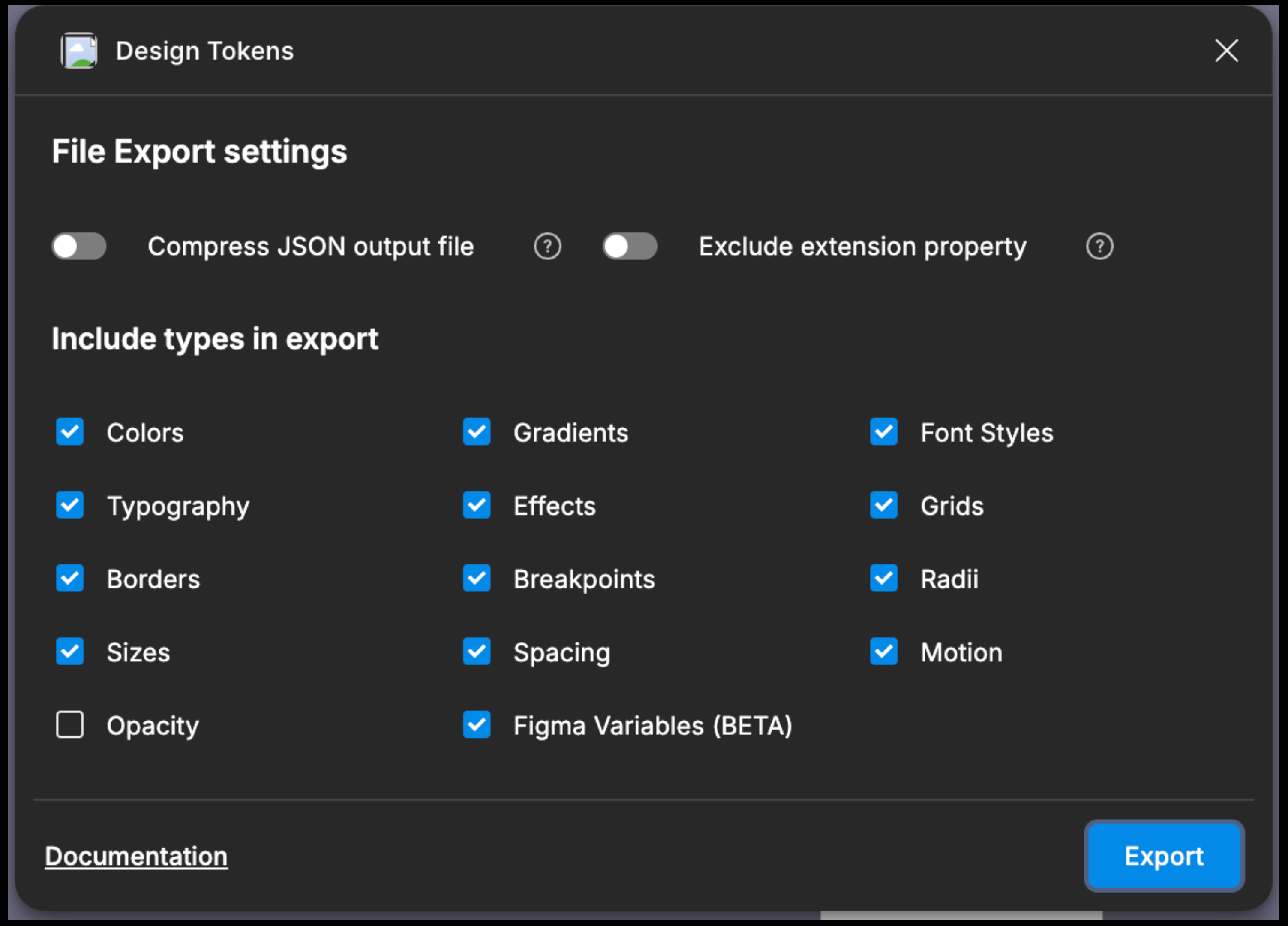
```
.button {
  background-color:
  #03A9F4; }
```

```
.button {
  background-color:
}   #03A9F4;
```

CODIFIED DESIGN SYSTEM HOW?

EXPORT VARIABLES AND DESIGN TOKENS

CODIFIED DESIGN SYSTEM - HOW - EXPORT VARIABLES



File Export settings

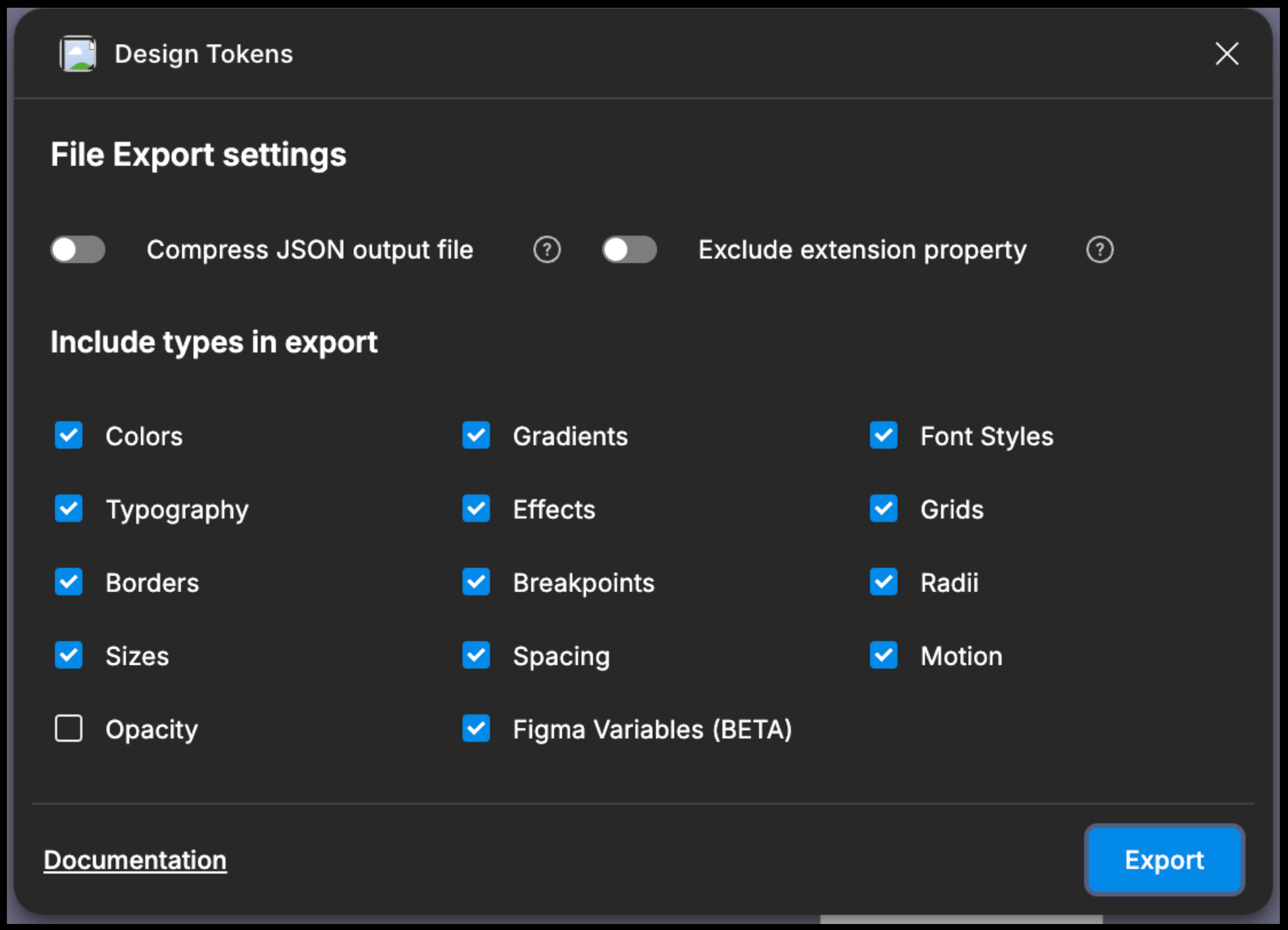
○ Compress JSON output file

○ Exclude extension property

Include types in export

- ☑ Colors
- ☑ Typography
- ☑ Borders
- ☑ Sizes
- ☐ Opacity
- ☑ Gradients
- ☑ Effects
- ☑ Breakpoints
- ☑ Spacing
- ☑ Figma Variables (BETA)
- ☑ Font Styles
- ☑ Grids
- ☑ Radii
- ☑ Motion

CODIFIED DESIGN SYSTEM - HOW - EXPORT VARIABLES

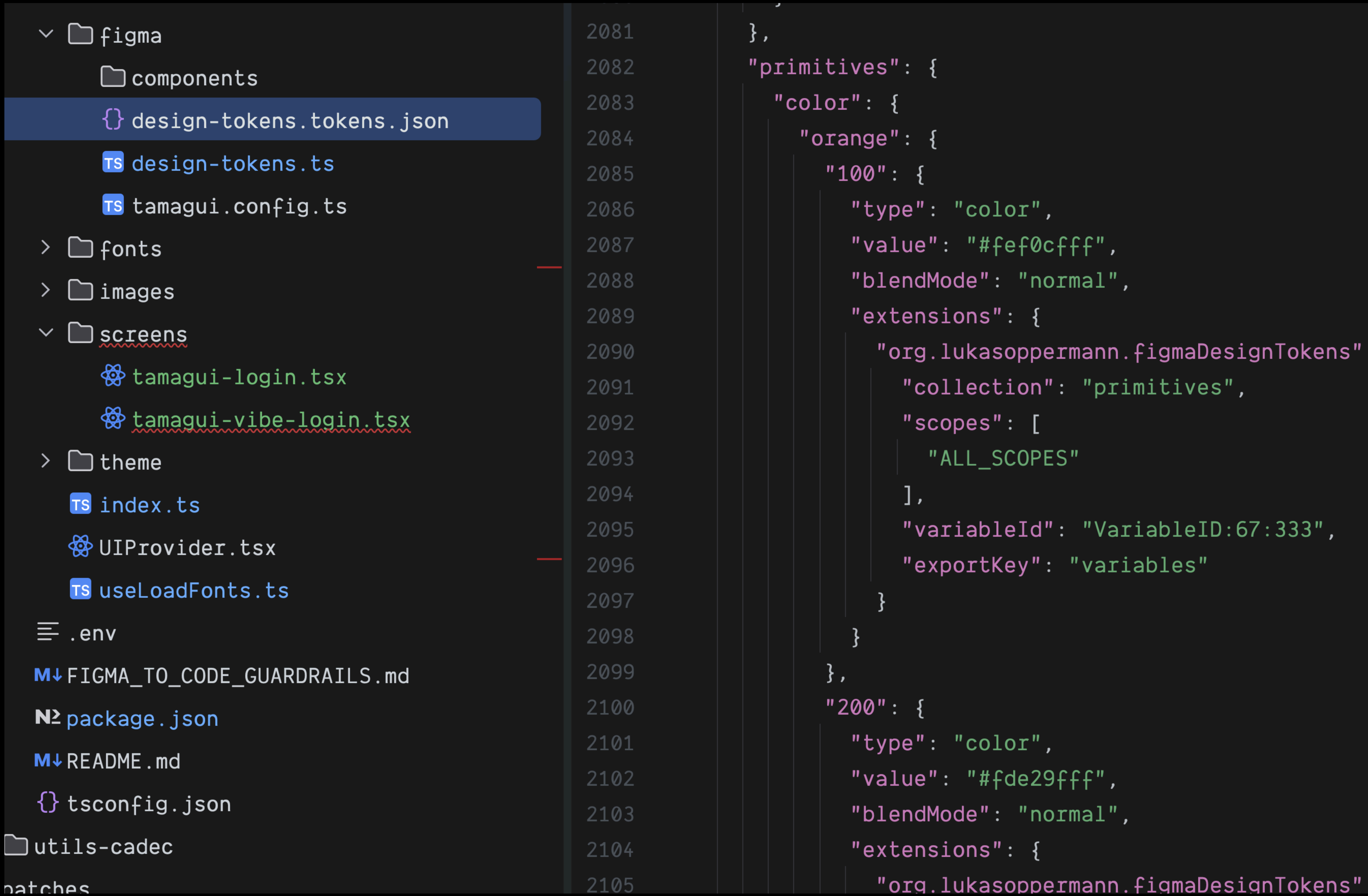


File Export settings

○ Compress JSON output file
○ Exclude extension property

Include types in export

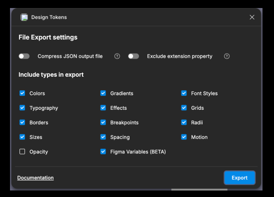
☑ Colors
☑ Typography
☑ Borders
☑ Sizes
☐ Opacity
☑ Gradients
☑ Effects
☑ Breakpoints
☑ Spacing
☑ Figma Variables (BETA)
☑ Font Styles
☑ Grids
☑ Radii
☑ Motion

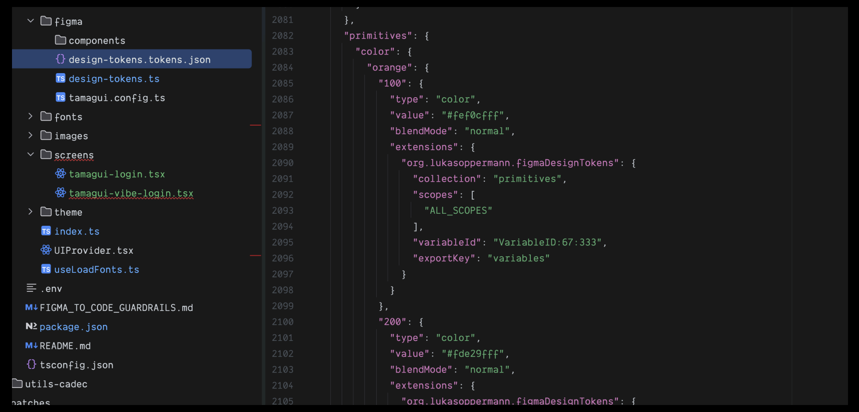


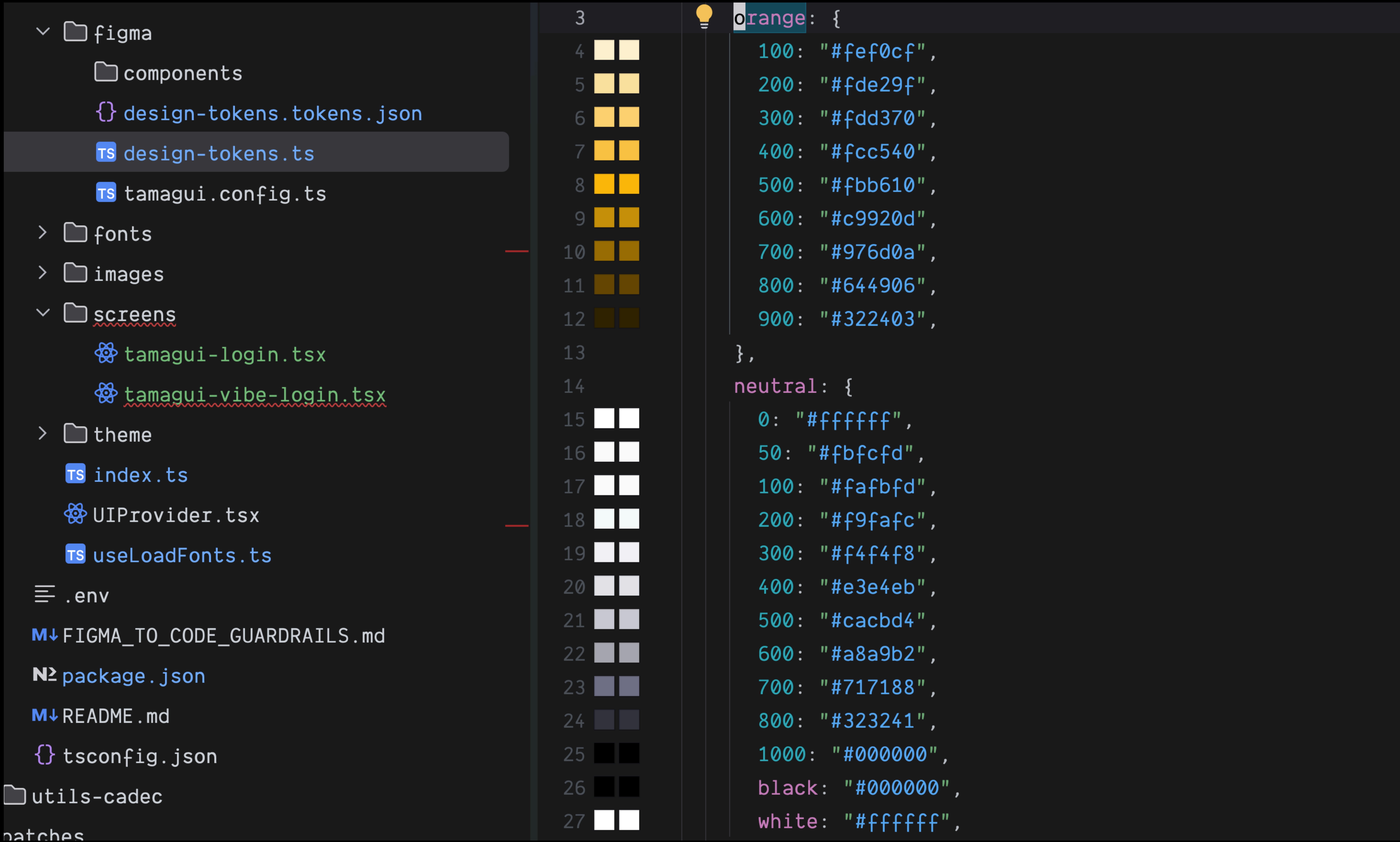
```
figma
  components
  design-tokens.tokens.json
  design-tokens.ts
  tamagui.config.ts
fonts
images
screens
  tamagui-login.tsx
  tamagui-vibe-login.tsx
theme
index.ts
UIProvider.tsx
useLoadFonts.ts
.env
FIGMA_TO_CODE_GUARDRAILS.md
package.json
README.md
tsconfig.json
utils-cadec
atches
```

```
},
"primitives": {
  "color": {
    "orange": {
      "100": {
        "type": "color",
        "value": "#fef0cfff",
        "blendMode": "normal",
        "extensions": {
          "org.lukasoppermann.figmaDesignTokens"
            "collection": "primitives",
            "scopes": [
              "ALL_SCOPES"
            ],
            "variableId": "VariableID:67:333",
            "exportKey": "variables"
          }
        }
      },
      "200": {
        "type": "color",
        "value": "#fde29fff",
        "blendMode": "normal",
        "extensions": {
          "org.lukasoppermann.figmaDesignTokens"
```

CODIFIED DESIGN SYSTEM - HOW - VARIABLES TO DESIGN TOKENS



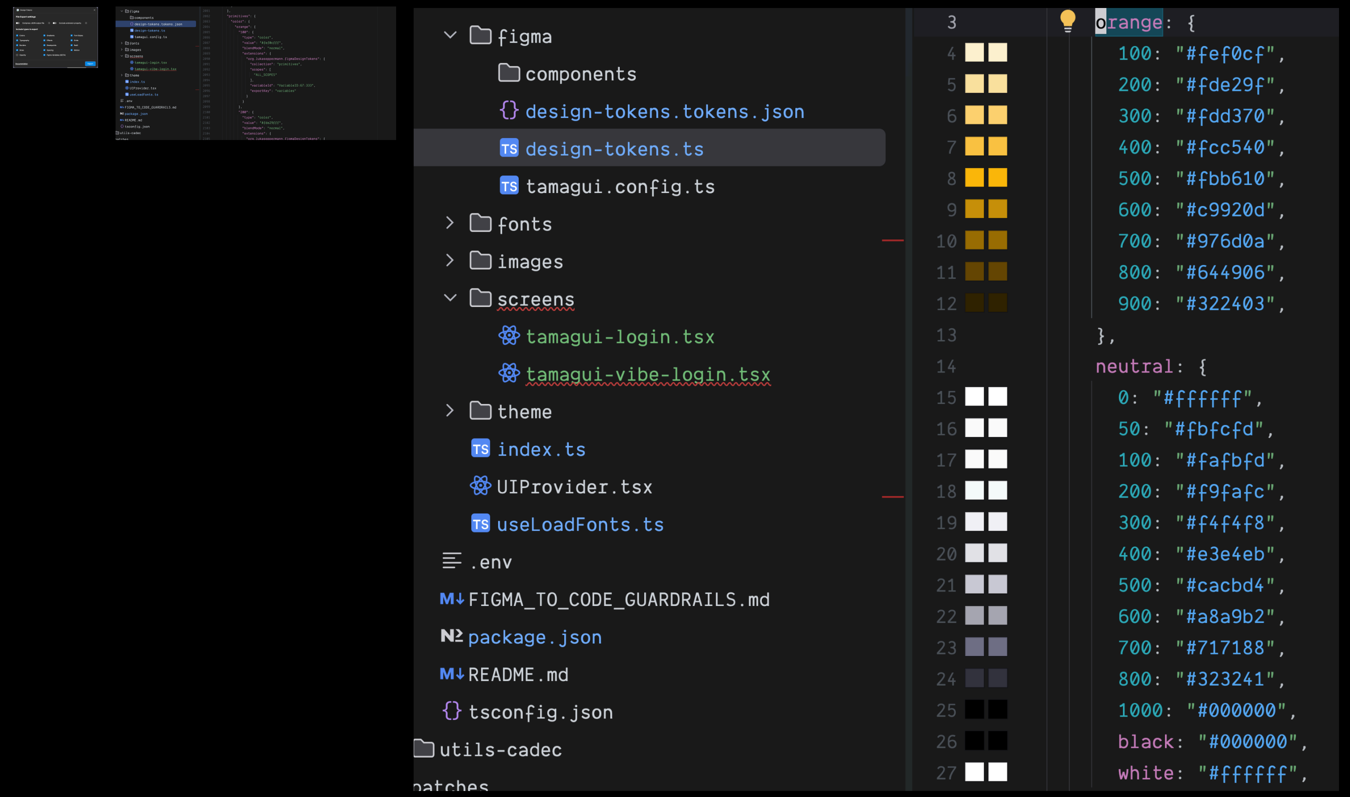




```
figma
    components
    design-tokens.tokens.json
    design-tokens.ts
    tamagui.config.ts
fonts
images
screens
    tamagui-login.tsx
    tamagui-vibe-login.tsx
theme
index.ts
UIProvider.tsx
useLoadFonts.ts
.env
FIGMA_TO_CODE_GUARDRAILS.md
package.json
README.md
tsconfig.json
utils-cadec
patches
```

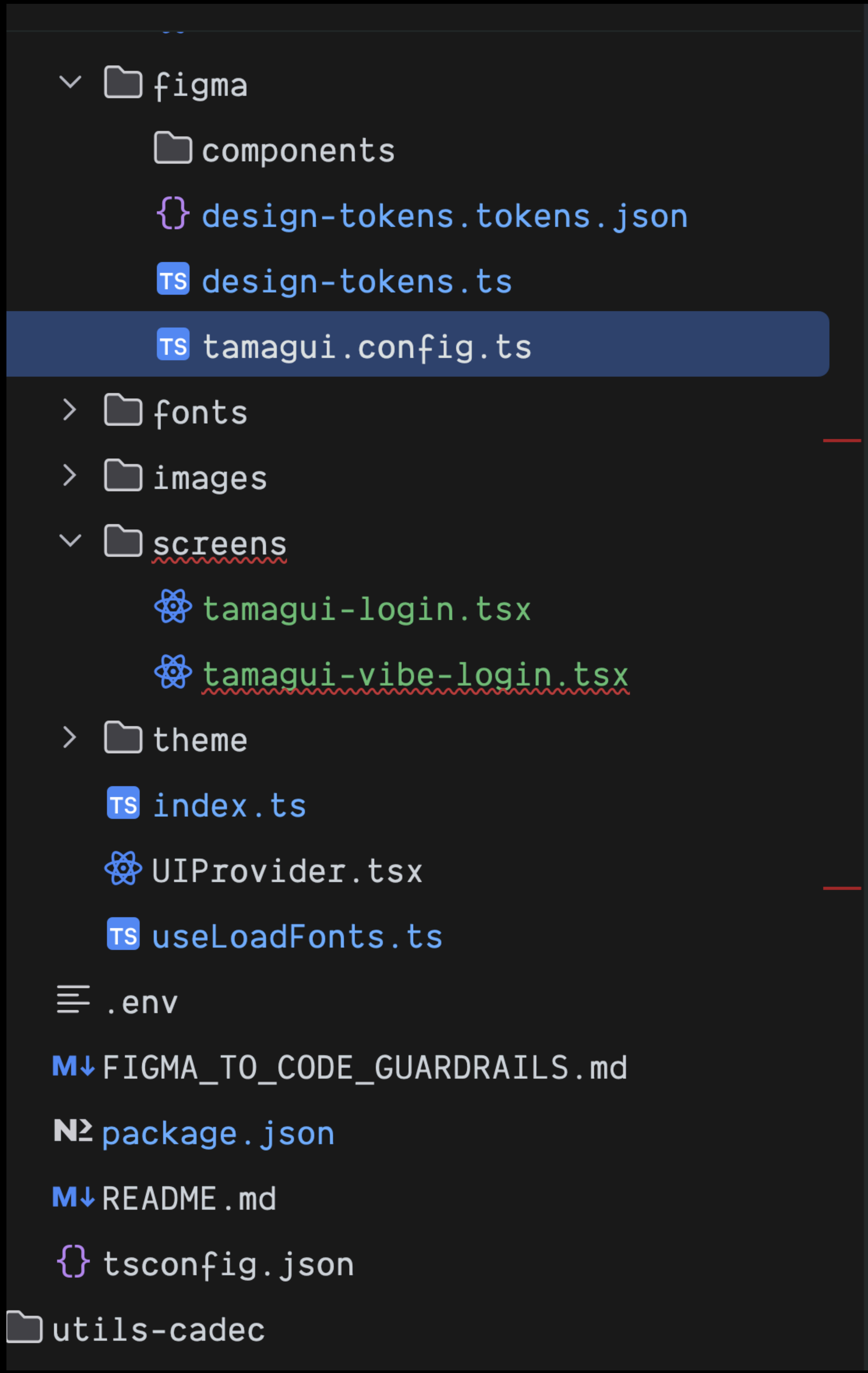
```
orange: {
  100: "#fef0cf",
  200: "#fde29f",
  300: "#fdd370",
  400: "#fcc540",
  500: "#fbb610",
  600: "#c9920d",
  700: "#976d0a",
  800: "#644906",
  900: "#322403",
},
neutral: {
  0: "#ffffff",
  50: "#fbfcfd",
  100: "#fafbfd",
  200: "#f9fafc",
  300: "#f4f4f8",
  400: "#e3e4eb",
  500: "#cacbd4",
  600: "#a8a9b2",
  700: "#717188",
  800: "#323241",
  1000: "#000000",
  black: "#000000",
  white: "#ffffff",
```

CODIFIED DESIGN SYSTEM - HOW - DESIGN TOKENS TO A THEME

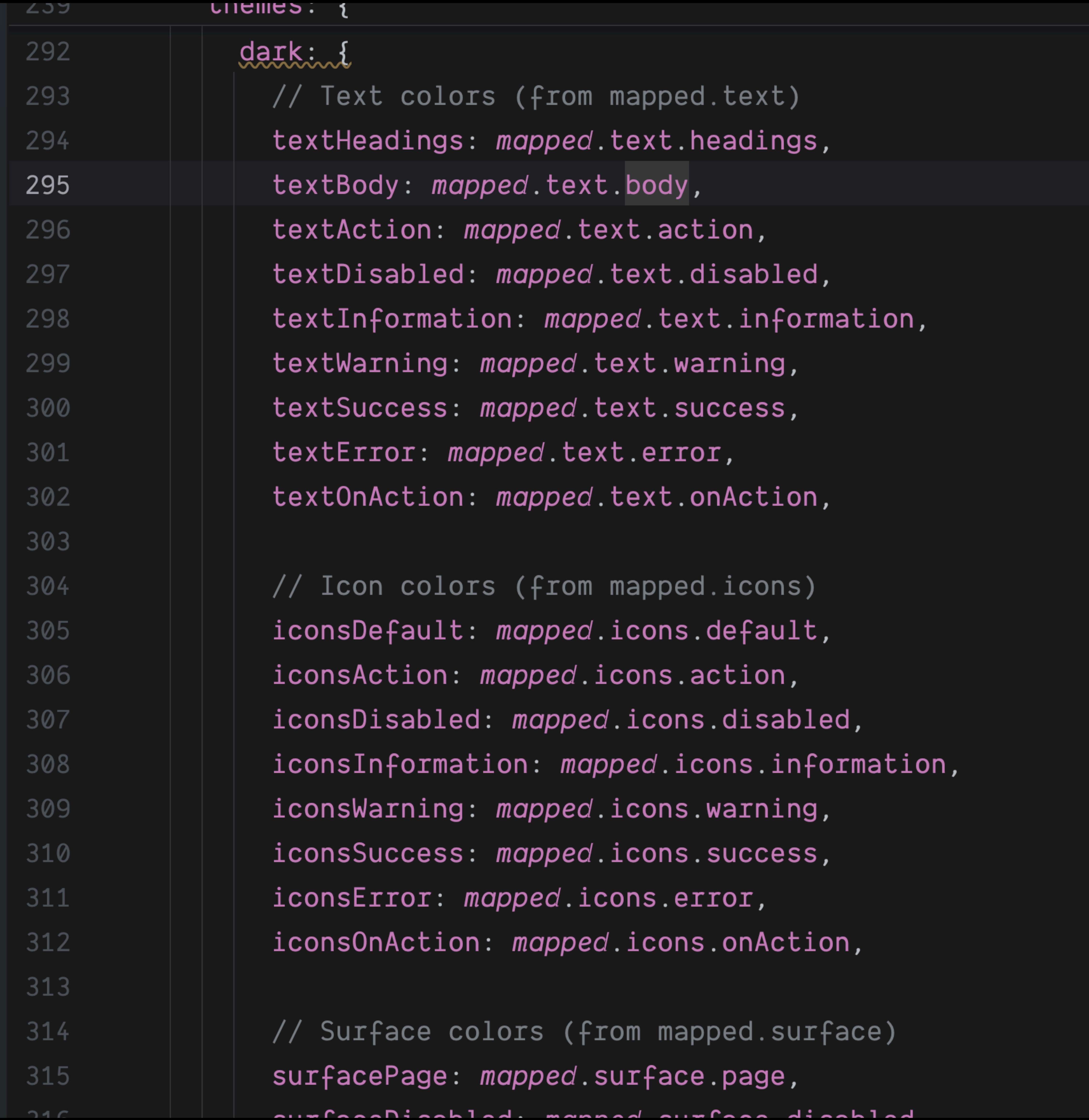


```
figma
  components
  design-tokens.tokens.json
  design-tokens.ts
  tamagui.config.ts
fonts
images
screens
  tamagui-login.tsx
  tamagui-vibe-login.tsx
theme
index.ts
UIProvider.tsx
useLoadFonts.ts
.env
FIGMA_TO_CODE_GUARDRAILS.md
package.json
README.md
tsconfig.json
utils-cadec
```

```
orange: {
  100: "#fef0cf",
  200: "#fde29f",
  300: "#fdd370",
  400: "#fcc540",
  500: "#fbb610",
  600: "#c9920d",
  700: "#976d0a",
  800: "#644906",
  900: "#322403",
},
neutral: {
  0: "#ffffff",
  50: "#fbfcfd",
  100: "#fafbfd",
  200: "#f9fafc",
  300: "#f4f4f8",
  400: "#e3e4eb",
  500: "#cacbd4",
  600: "#a8a9b2",
  700: "#717188",
  800: "#323241",
  1000: "#000000",
  black: "#000000",
  white: "#ffffff",
```



```
figma
  components
  design-tokens.tokens.json
  design-tokens.ts
  tamagui.config.ts
fonts
images
screens
  tamagui-login.tsx
  tamagui-vibe-login.tsx
theme
index.ts
UIProvider.tsx
useLoadFonts.ts
.env
FIGMA_TO_CODE_GUARDRAILS.md
package.json
README.md
tsconfig.json
utils-cadec
```

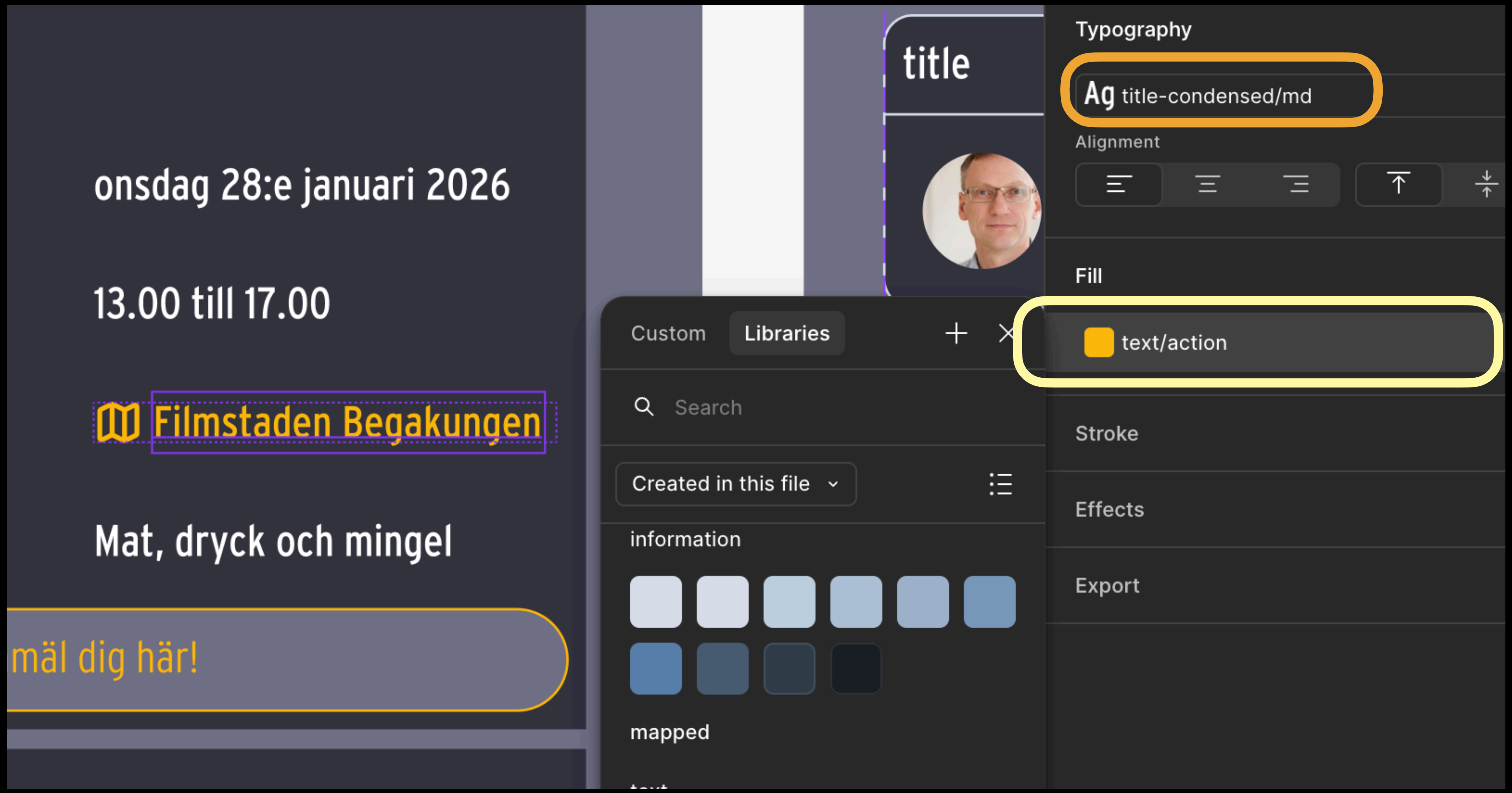


```
    themes: {
      dark: {
        // Text colors (from mapped.text)
        textHeadings: mapped.text.headings,
        textBody: mapped.text.body,
        textAction: mapped.text.action,
        textDisabled: mapped.text.disabled,
        textInformation: mapped.text.information,
        textWarning: mapped.text.warning,
        textSuccess: mapped.text.success,
        textError: mapped.text.error,
        textOnAction: mapped.text.onAction,

        // Icon colors (from mapped.icons)
        iconsDefault: mapped.icons.default,
        iconsAction: mapped.icons.action,
        iconsDisabled: mapped.icons.disabled,
        iconsInformation: mapped.icons.information,
        iconsWarning: mapped.icons.warning,
        iconsSuccess: mapped.icons.success,
        iconsError: mapped.icons.error,
        iconsOnAction: mapped.icons.onAction,

        // Surface colors (from mapped.surface)
        surfacePage: mapped.surface.page,
        surfaceDisabled: mapped.surface.disabled
```

CALLISTA

CODIFIED DESIGN SYSTEM - USE THOSE TOKENS!

FIGMA



onsdag 28:e januari 2026

13.00 till 17.00

Filmstaden Begakungen

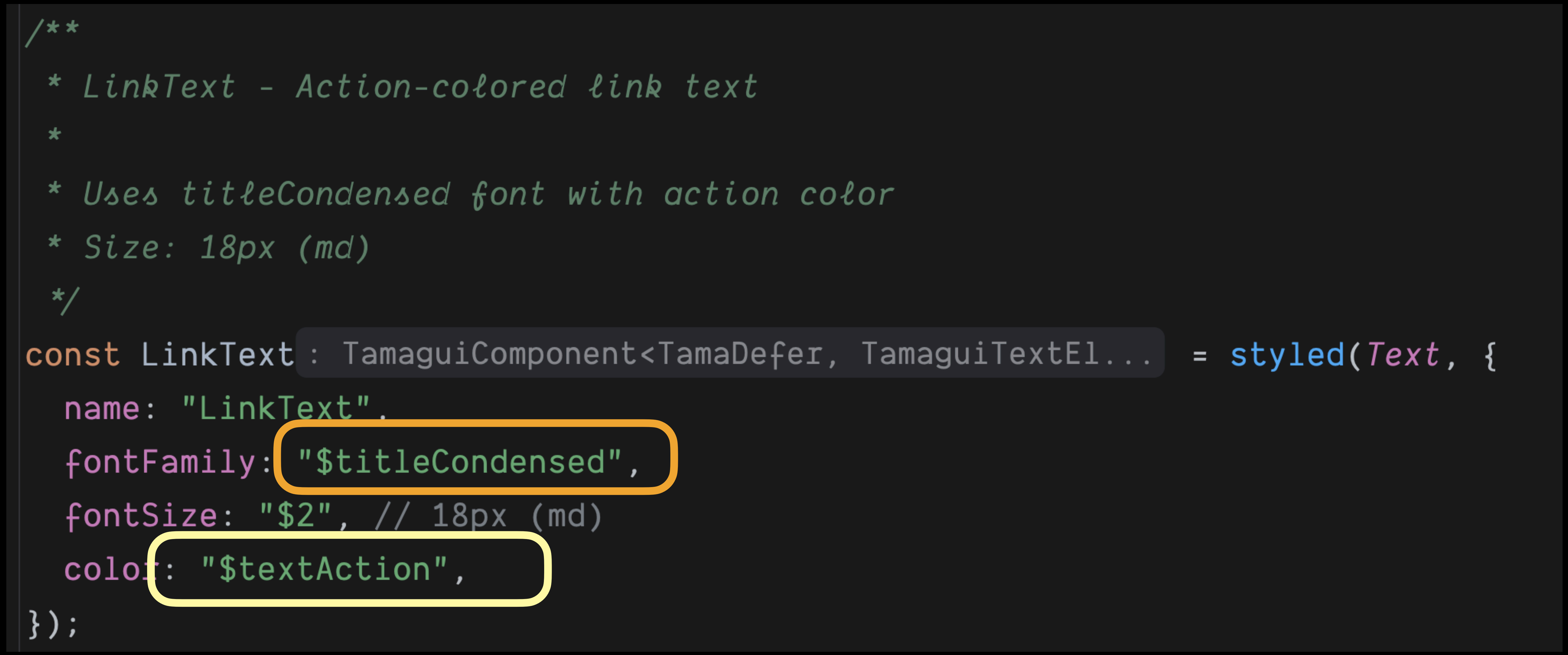
Mat, dryck och mingel

mäl dig här!

Typography: Ag title-condensed/md

Fill: text/action

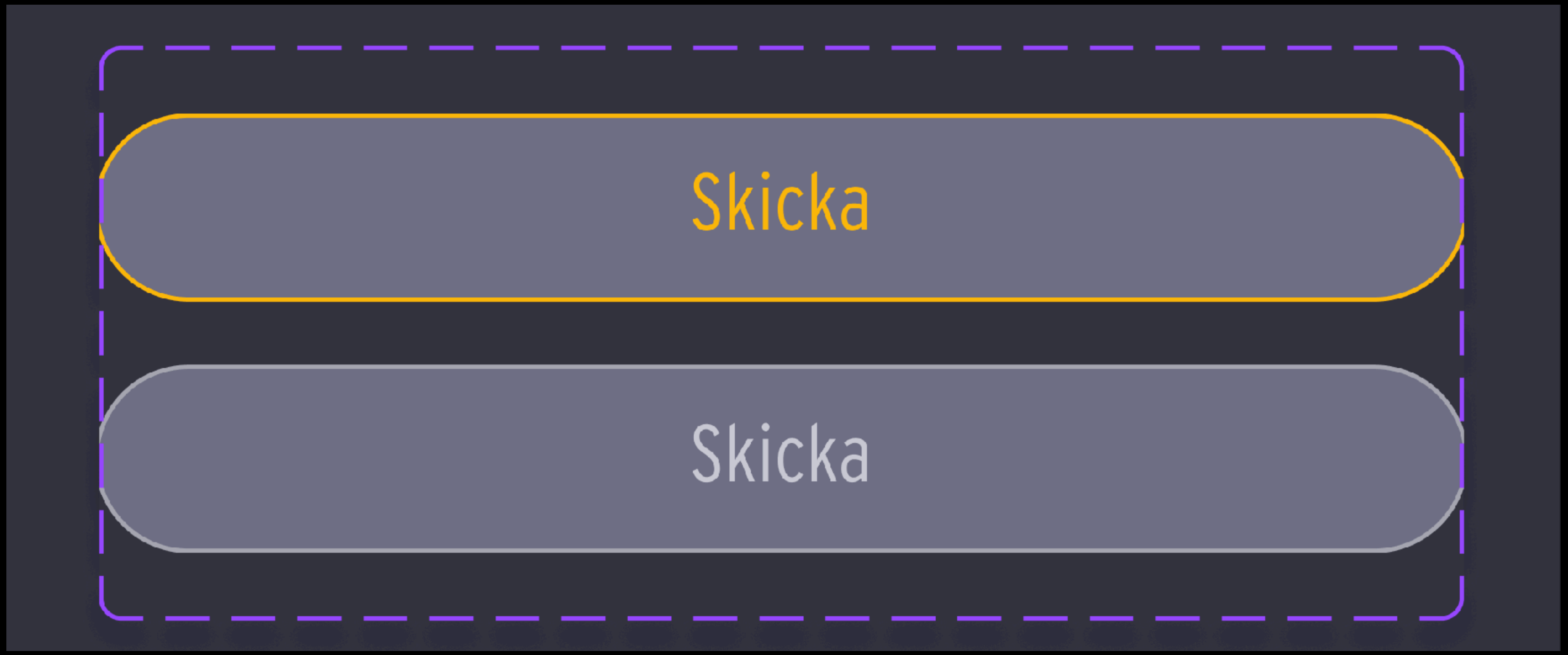
CODE



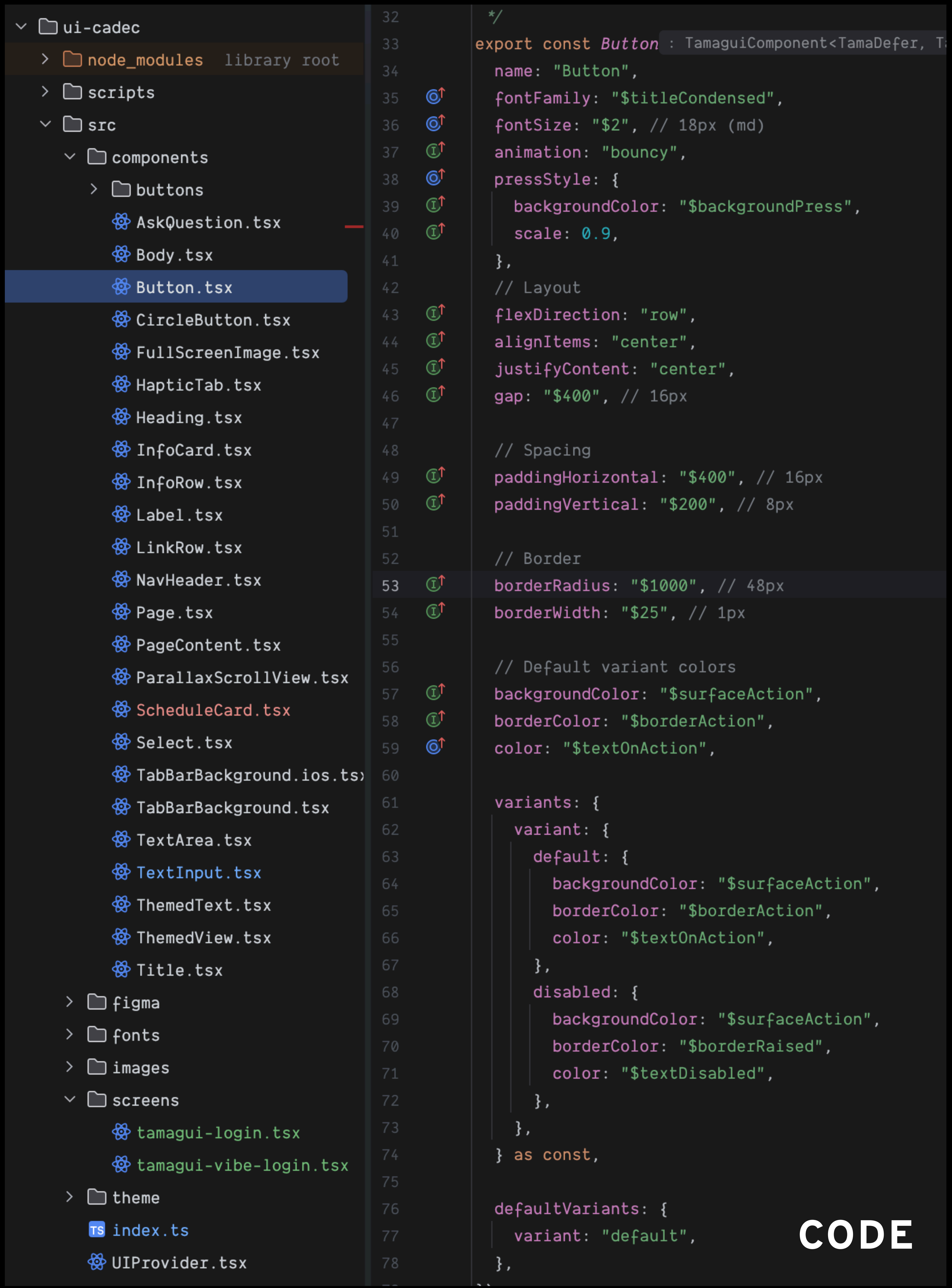
```
/**
 * LinkText - Action-colored link text
 *
 * Uses titleCondensed font with action color
 * Size: 18px (md)
 */
const LinkText : TamaguiComponent<TamaDefer, TamaguiTextEl...  = styled(Text, {
  name: "LinkText",
  fontFamily: "$titleCondensed",
  fontSize: "$2", // 18px (md)
  color: "$textAction",
});
```

FIGMA MOLECULES TO CODE

CODIFIED DESIGN SYSTEM - THE BUTTON



FIGMA



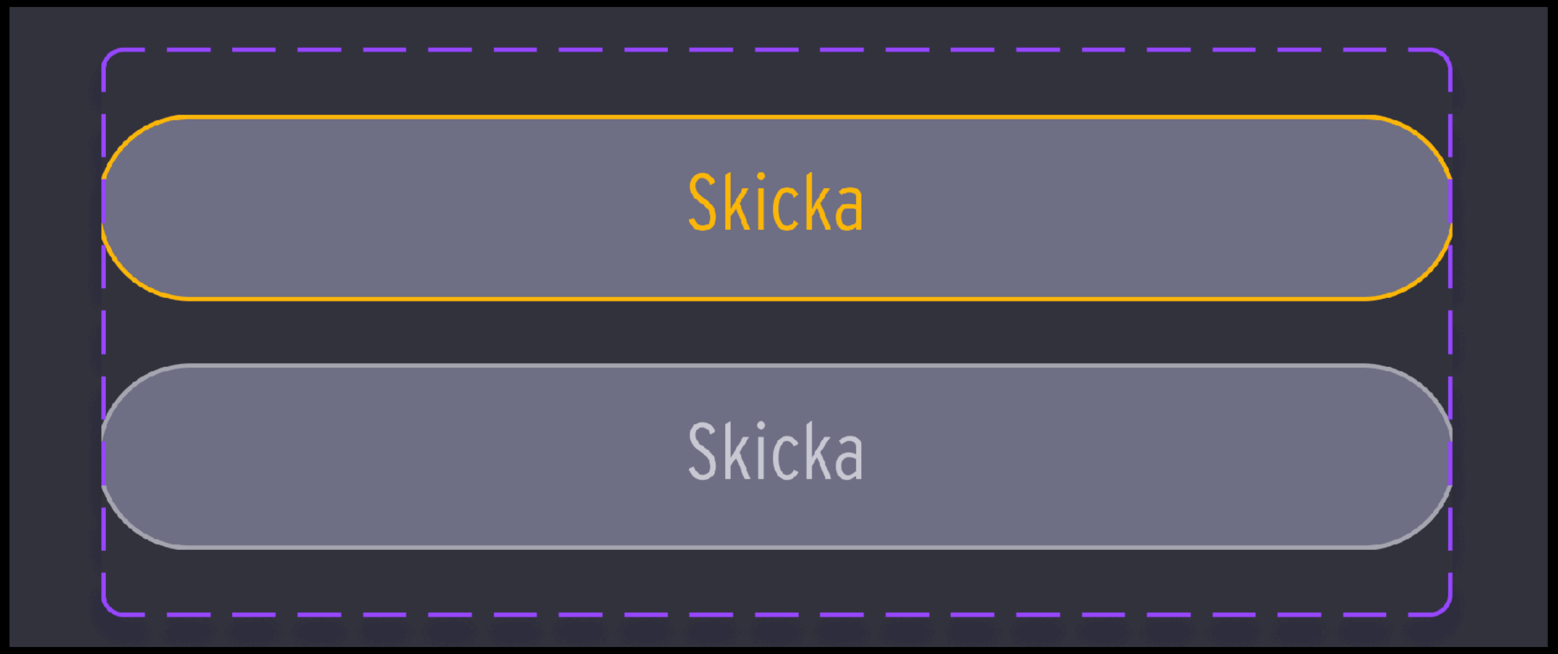
```
ui-cadec
  node_modules  library root
  scripts
  src
    components
      buttons
      AskQuestion.tsx
      Body.tsx
      Button.tsx
      CircleButton.tsx
      FullScreenImage.tsx
      HapticTab.tsx
      Heading.tsx
      InfoCard.tsx
      InfoRow.tsx
      Label.tsx
      LinkRow.tsx
      NavHeader.tsx
      Page.tsx
      PageContent.tsx
      ParallaxScrollView.tsx
      ScheduleCard.tsx
      Select.tsx
      TabBarBackground.ios.tsx
      TabBarBackground.tsx
      TextArea.tsx
      TextInput.tsx
      ThemedText.tsx
      ThemedView.tsx
      Title.tsx
    figma
    fonts
    images
    screens
      tamagui-login.tsx
      tamagui-vibe-login.tsx
    theme
    index.ts
    UIProvider.tsx
```

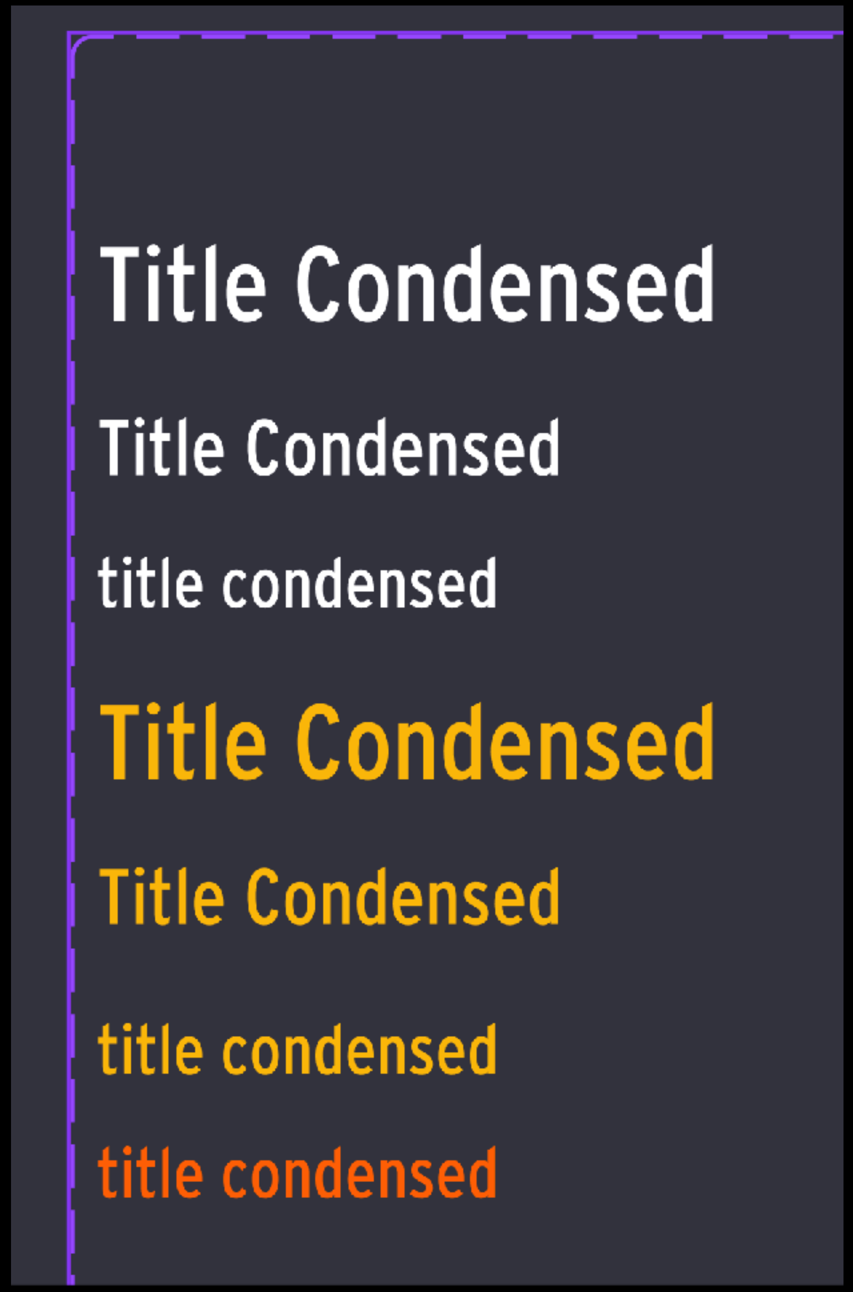
```
 */
export const Button : TamaguiComponent<TamaDefer, T
  name: "Button",
  fontFamily: "$titleCondensed",
  fontSize: "$2", // 18px (md)
  animation: "bouncy",
  pressStyle: {
    backgroundColor: "$backgroundPress",
    scale: 0.9,
  },
  // Layout
  flexDirection: "row",
  alignItems: "center",
  justifyContent: "center",
  gap: "$400", // 16px

  // Spacing
  paddingHorizontal: "$400", // 16px
  paddingVertical: "$200", // 8px

  // Border
  borderRadius: "$1000", // 48px
  borderWidth: "$25", // 1px

  // Default variant colors
  backgroundColor: "$surfaceAction",
  borderColor: "$borderAction",
  color: "$textOnAction",

  variants: {
    variant: {
      default: {
        backgroundColor: "$surfaceAction",
        borderColor: "$borderAction",
        color: "$textOnAction",
      },
      disabled: {
        backgroundColor: "$surfaceAction",
        borderColor: "$borderRaised",
        color: "$textDisabled",
      },
    },
  } as const,

  defaultVariants: {
    variant: "default",
  },
```

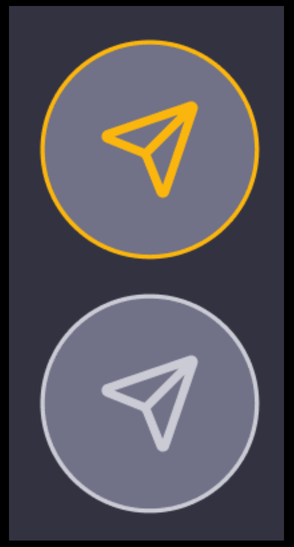
CODE

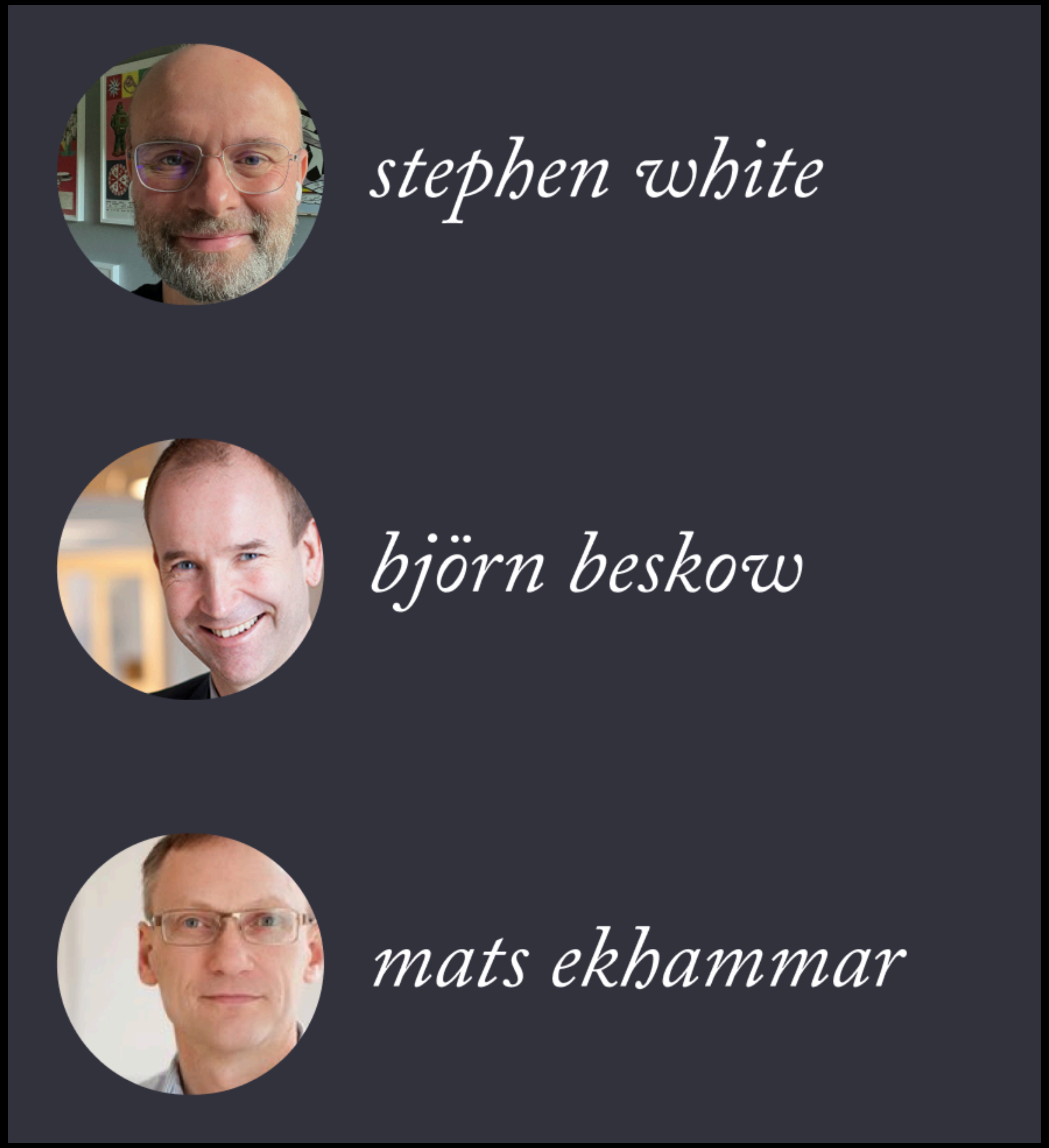
CALLISTA

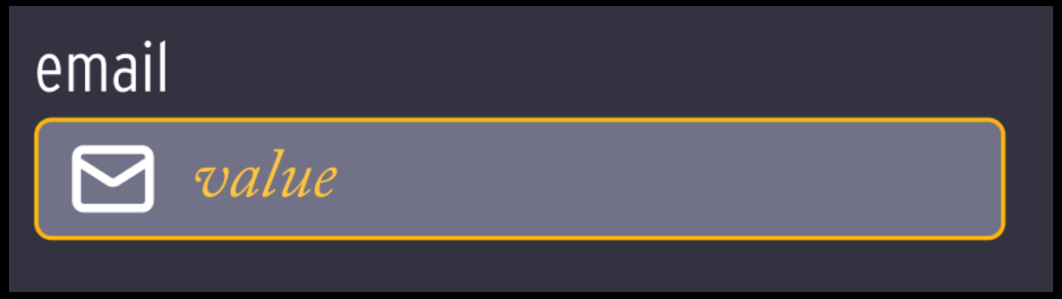
CODIFIED DESIGN SYSTEM - COMPONENT MOLECULES

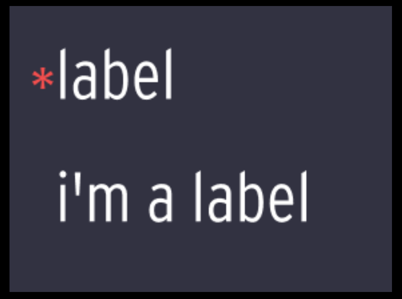




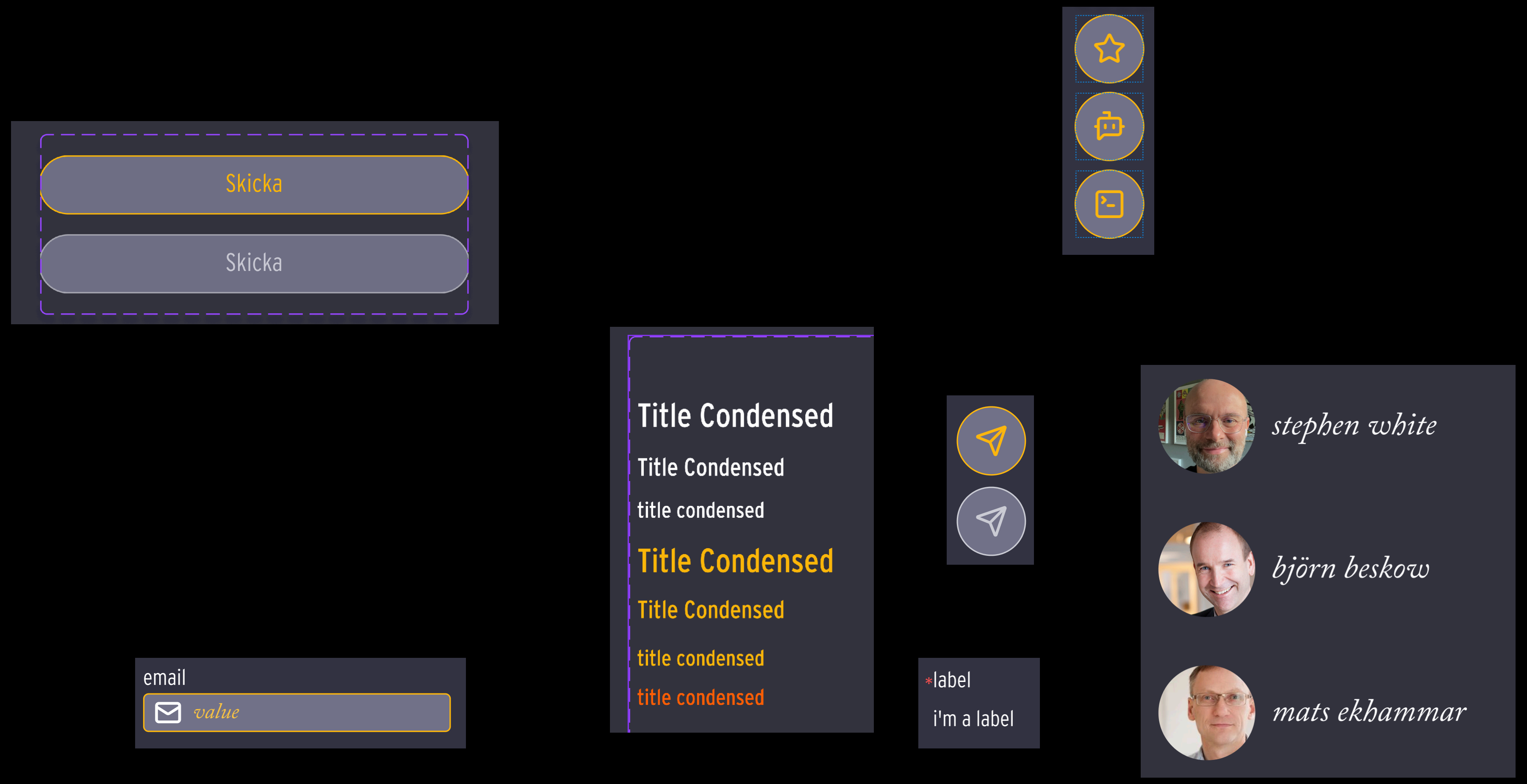




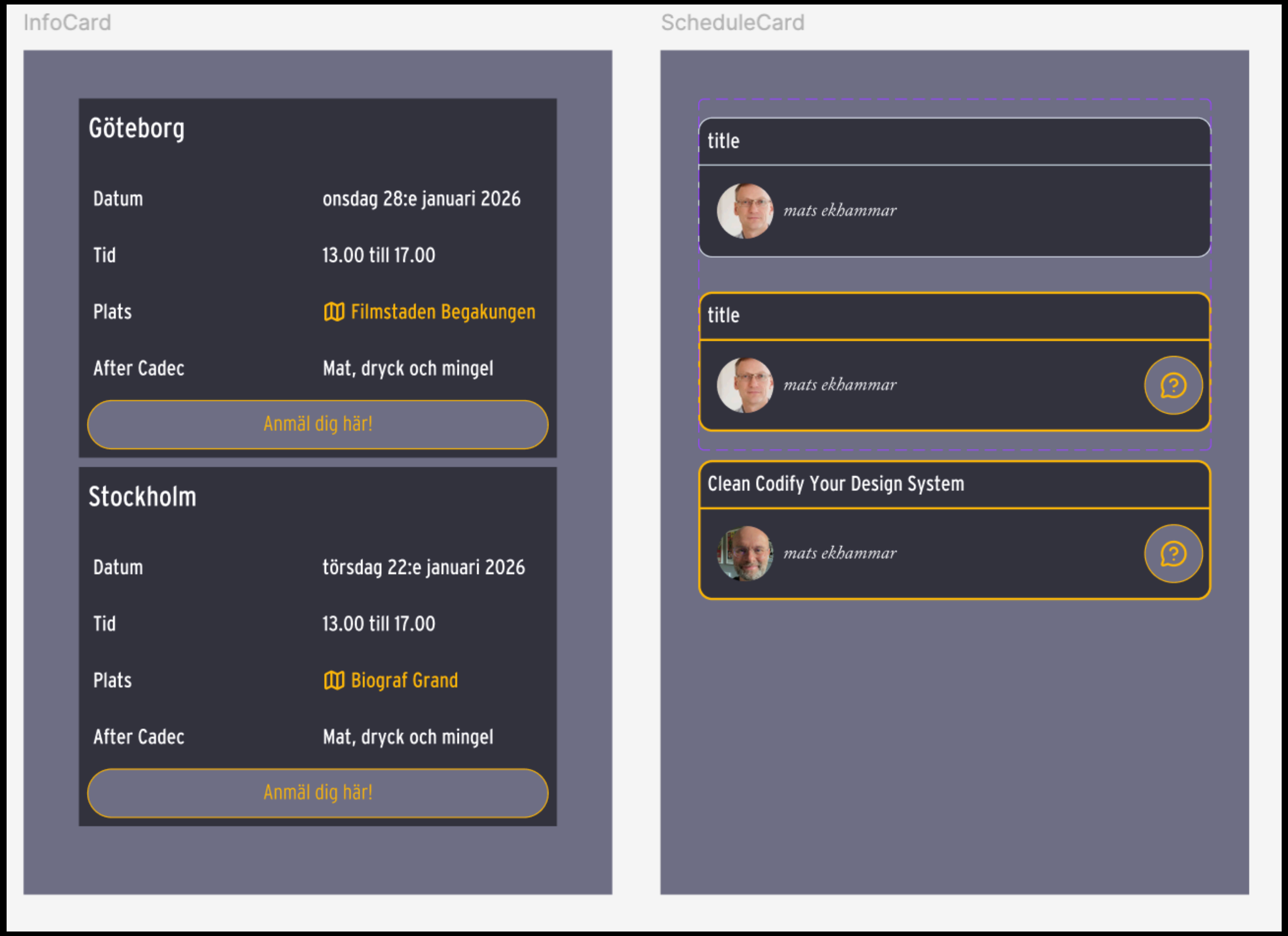




CODIFIED DESIGN SYSTEM - COMPONENT ORGANISMS



MOLECULES



InfoCard

Göteborg

Datum	onsdag 28:e januari 2026
Tid	13.00 till 17.00
Plats	Filmstaden Begakungen
After Cadec	Mat, dryck och mingel

Anmäl dig här!

Stockholm

Datum	torsdag 22:e januari 2026
Tid	13.00 till 17.00
Plats	Biograf Grand
After Cadec	Mat, dryck och mingel

Anmäl dig här!

ScheduleCard

title

mats ekhammar

title

mats ekhammar

Clean Codify Your Design System

mats ekhammar

ORGANISMS

CALLISTA

CODIFIED DESIGN SYSTEM - ITS RAINING COMPONENTS!

FIGMA ORGANISMS TO CODE

SW2
Team project
File
Assets
Pages
Foundations
Components
Images
Screenshots
Layers
Avatar
Avatar
image
Body
Avatar
ScheduleCard
ScheduleCard
Default
title
title
speaker
Avatar
image
Body
active
title
title
speaker
Avatar
CircleButton
message-circle-questi
ScheduleCard
title
speaker
InfoCard
InfoExample
ScheduleCard
Avata
title
mats ekhammar
635 Fill × 79 Hug
title
mats ekhammar
Clean Codify Your Design System
mats ekhammar
Design
Prototype
152%
Frame
Position
Alignment
Position
Rotation
Auto layout
Flow
Resizing
Alignment
Gap
Padding
Clip content
Appearance
Opacity
Corner radius
Fill
Stroke
Position
Weight
Effects
Selection colors
Layout guide
Export

Position: X 0, Y 40

Rotation: 0°

Resizing: W 635 Fill, H 79 Hug

Gap: 16

Padding: 8, 8

☑ Clip content

Opacity: 100%

Corner radius: 0

Stroke: border/information

Position: Inside

Weight: 1

Selection colors:
border/information
FFFFFF 100 %

TextInput.tsx
ThemedText.tsx
ThemedView.tsx
Title.tsx
figma
Terminal
Local (2)
Local
Local (3)
Claude Code (2)
21:37
Caption text
Components/Body/Caption

```
export { Page } from "./components/Page";
export { PageContent } from "./components/PageContent";
export { ParallaxScrollView } from "./components/ParallaxS
export { ScheduleCard } from "./components/ScheduleCard";
export { Select } from "./components/Select";
export { TabBarBackground } from "./components/TabBarBackg
export { TextArea } from "./components/TextArea";
```

```
● Perfect! I've successfully created the ScheduleCard component from your Figma selection. Here's what
 was implemented:

  Component Overview

  Location: packages/ui-cadec/src/components/ScheduleCard.tsx

  Features

  1. Two Variants:
    - default - Light blue border (1px), inactive state
    - active - Yellow border (2px), selected state
  2. Layout:
    - Title section with Label component (Interstate-RegularCondensed Bold, 18px)
    - Speaker section with:
        - Circular avatar (48px)
      - Speaker name in italic (Adobe Caslon Pro Italic, 16px)
      - Optional question button (only visible when active + showAskQuestion)
  3. Design Tokens Used:
    - Colors: $surfaceDefault, $borderInformation, $borderAction, $textHeadings, $iconsAction
    - Spacing: $200 (8px), $300 (12px), $1000 (48px)
    - Border widths: $25 (1px), $50 (2px)
    - Fonts: $label and $body

  Usage Example

  <ScheduleCard
    title="Opening Keynote"
```

TIGHTNING THE CONTEXT

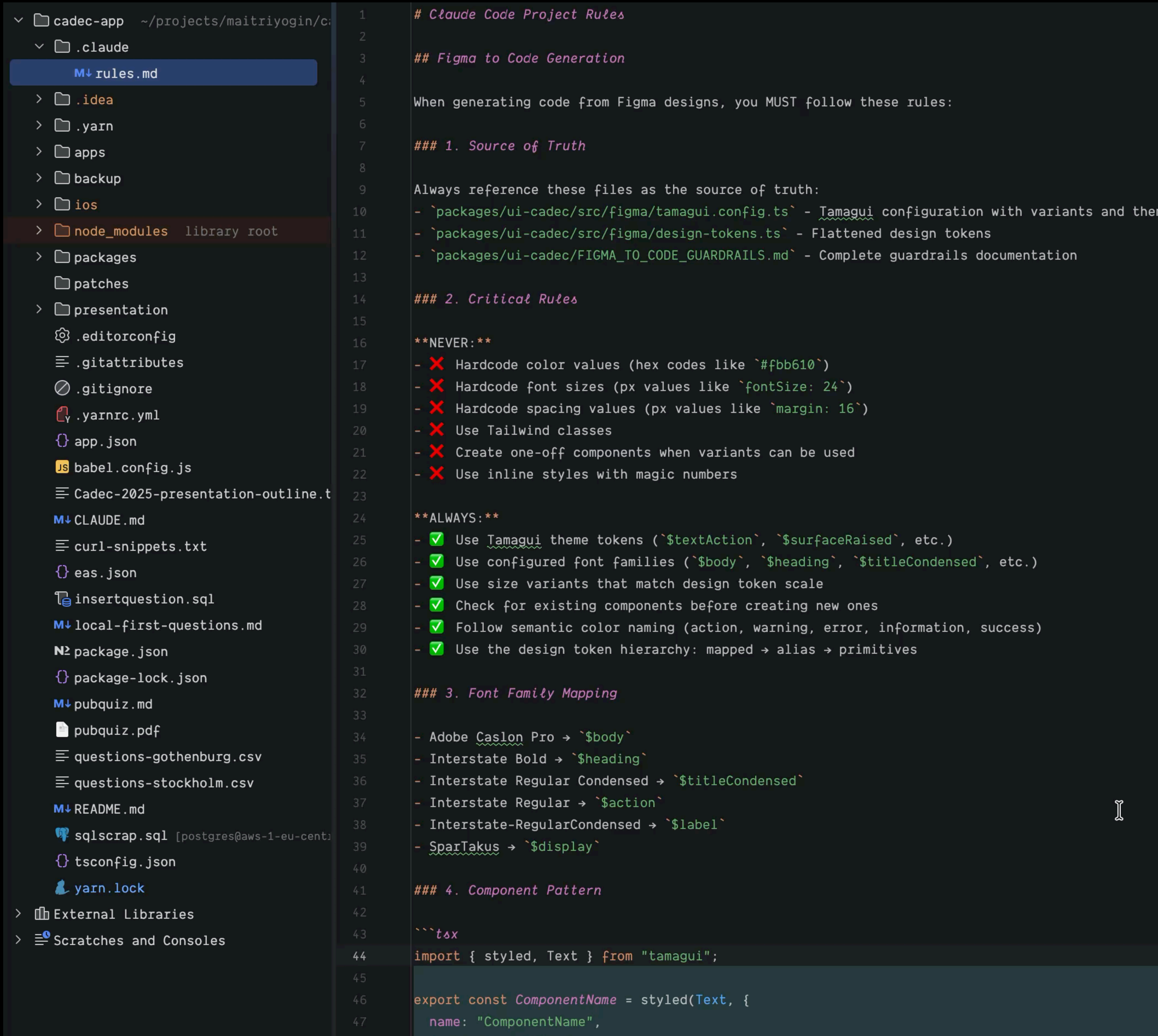
CODIFIED DESIGN SYSTEM - CLAUDE RULES

WITHOUT - CRITICAL RULES

```
<Text style={{ fontSize: 24, color: "#fbb610", margin: 16 }}>
  Title
</Text>
```

WITH - CRITICAL RULES

```
<TitleCondensed size="lg" variant="action" margin="$7">
  Title
</TitleCondensed>
```



- cadec-app ~/projects/maitriyogin/c
  - .claude
    - rules.md
  - .idea
  - .yarn
  - apps
  - backup
  - ios
  - node_modules library root
  - packages
  - patches
  - presentation
  - .editorconfig
  - .gitattributes
  - .gitignore
  - .yarnrc.yml
  - app.json
  - babel.config.js
  - Cadec-2025-presentation-outline.t
  - CLAUDE.md
  - curl-snippets.txt
  - eas.json
  - insertquestion.sql
  - local-first-questions.md
  - package.json
  - package-lock.json
  - pubquiz.md
  - pubquiz.pdf
  - questions-gothenburg.csv
  - questions-stockholm.csv
  - README.md
  - sqlscrap.sql [postgres@aws-1-eu-cent
  - tsconfig.json
  - yarn.lock
- External Libraries
- Scratches and Consoles

~~~
# Claude Code Project Rules

## Figma to Code Generation

When generating code from Figma designs, you MUST follow these rules:

### 1. Source of Truth

Always reference these files as the source of truth:
- `packages/ui-cadec/src/figma/tamagui.config.ts` - Tamagui configuration with variants and the
- `packages/ui-cadec/src/figma/design-tokens.ts` - Flattened design tokens
- `packages/ui-cadec/FIGMA_TO_CODE_GUARDRAILS.md` - Complete guardrails documentation

### 2. Critical Rules

**NEVER:**
- ❌ Hardcode color values (hex codes like `#fbb610`)
- ❌ Hardcode font sizes (px values like `fontSize: 24`)
- ❌ Hardcode spacing values (px values like `margin: 16`)
- ❌ Use Tailwind classes
- ❌ Create one-off components when variants can be used
- ❌ Use inline styles with magic numbers

**ALWAYS:**
- ✅ Use Tamagui theme tokens (`$textAction`, `$surfaceRaised`, etc.)
- ✅ Use configured font families (`$body`, `$heading`, `$titleCondensed`, etc.)
- ✅ Use size variants that match design token scale
- ✅ Check for existing components before creating new ones
- ✅ Follow semantic color naming (action, warning, error, information, success)
- ✅ Use the design token hierarchy: mapped → alias → primitives

### 3. Font Family Mapping

- Adobe Caslon Pro → `$body`
- Interstate Bold → `$heading`
- Interstate Regular Condensed → `$titleCondensed`
- Interstate Regular → `$action`
- Interstate-RegularCondensed → `$label`
- SparTakus → `$display`

### 4. Component Pattern

```tsx
import { styled, Text } from "tamagui";

export const ComponentName = styled(Text, {
  name: "ComponentName",
~~~

Holy Grail
COMPONENTS
Grail Cup
Jewel Studs
Crystal Plate
Holy Base
THE HOLY GRAIL

CONCLUSIONS

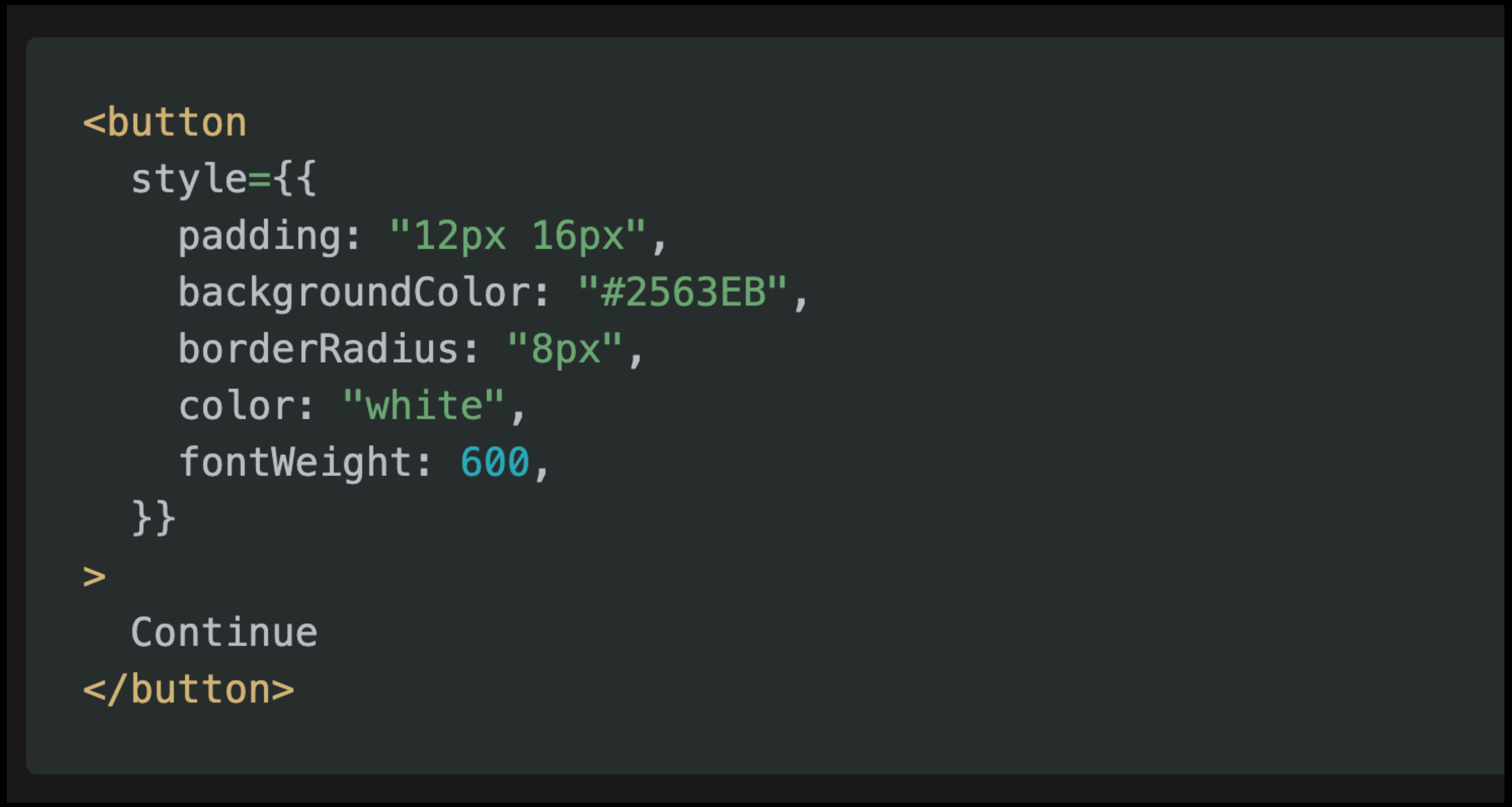
1. Your component library encodes decisions, not just UI
2. Prevents silent design-system drift (the hidden killer)
3. Figma components ≠ code components (but MCP bridges the gap)
4. Design tokens become enforceable contracts
5. Component reuse beats code generation at scale
6. Faster onboarding & fewer tribal-knowledge leaks
7. Review becomes architectural, not stylistic
8. Figma → MCP → AI → System Components

Vibe-Coding Responsibly
with Figma's MCP
DESIGN
Button
ESIGN
Button
MCP
JSON {
"color-brand-primary":
#03A9F4, }
JSON {
"color-brand-primary"
#03A9F4, }
B
Code Review.
Stephen White
Thank you for joining me on this quest into the Figma MCP

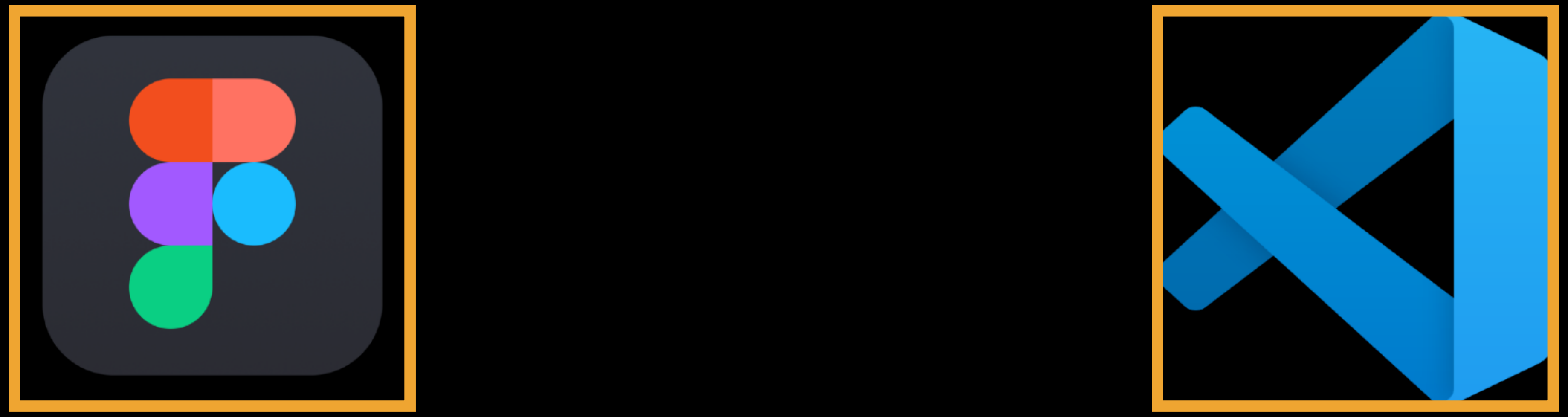
THE END

CODE WITH AND WITHOUT A CONNECTION

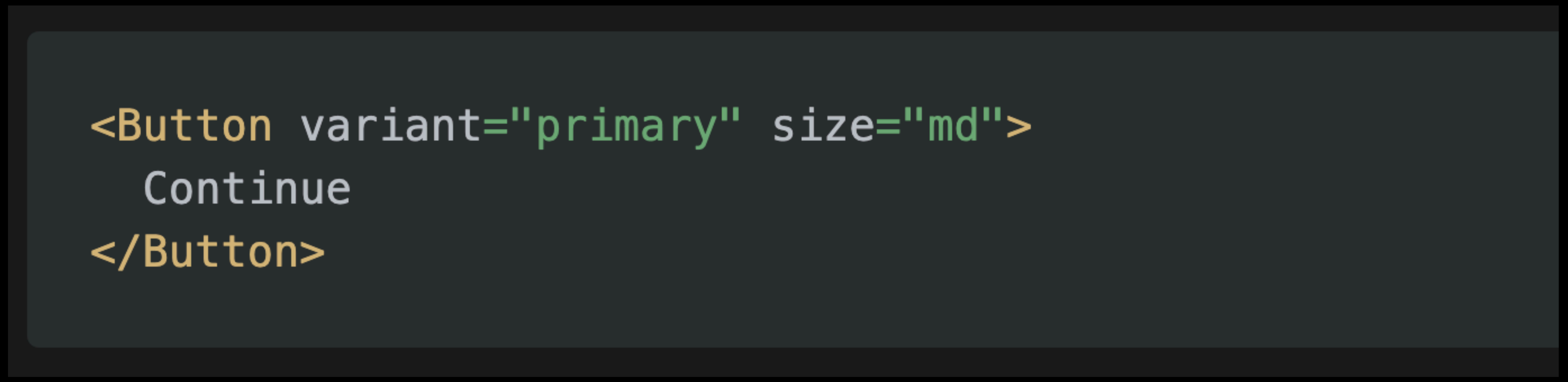
CODE THAT MISSES THE DESTINATION



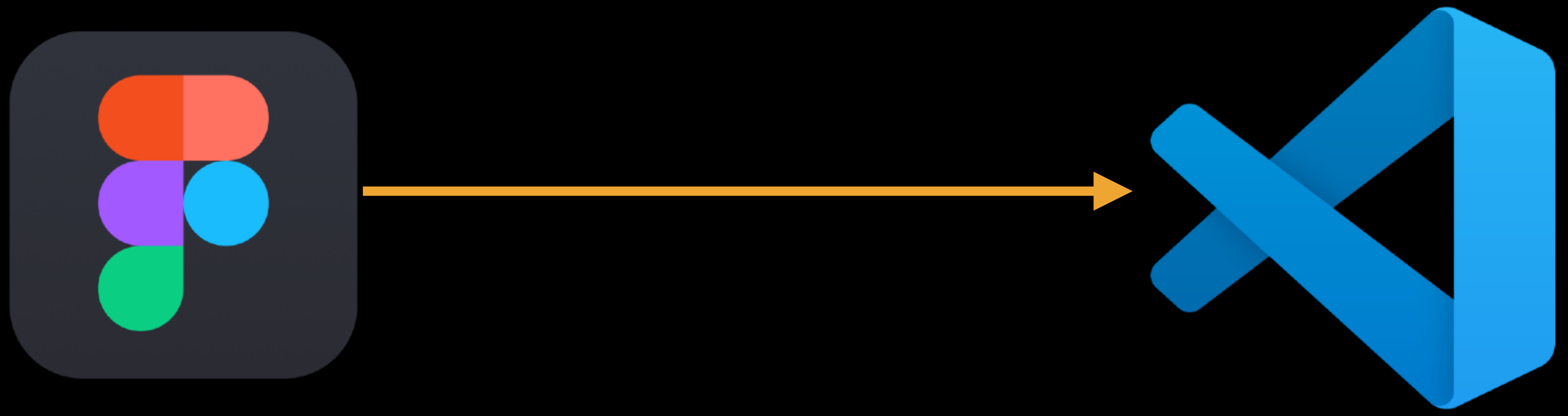
```
<button
  style={{
    padding: "12px 16px",
    backgroundColor: "#2563EB",
    borderRadius: "8px",
    color: "white",
    fontWeight: 600,
  }}
>
  Continue
</button>
```



CODE THAT GETS TO THE DESTINATION



```
<Button variant="primary" size="md">
  Continue
</Button>
```



CALLISTA

CODIFIED DESIGN SYSTEM - WHERE IS THE TRUTH?

FIGMA TRUTH

CODE TRUTH

CODIFIED DESIGN SYSTEM - WHERE IS THE TRUTH?

SINGULARITY