

# **Design Data**

## **Complexity**

**07/21/2025**

# **Pain Points**

**Maybe?**

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## **Maybe?**

- Everyone

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- Everyone
  - Finding the right token - name/value/everything

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- Everyone
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- Spectrum Design

# Pain Points

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- Everyone
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- Spectrum Design
  - Spec files

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- Everyone
  - Finding the right token - name/value/everything
- Spectrum Design
  - Spec files
  - Authoring tokens
- Implementation Engineers
  - Spec files
- Leadership

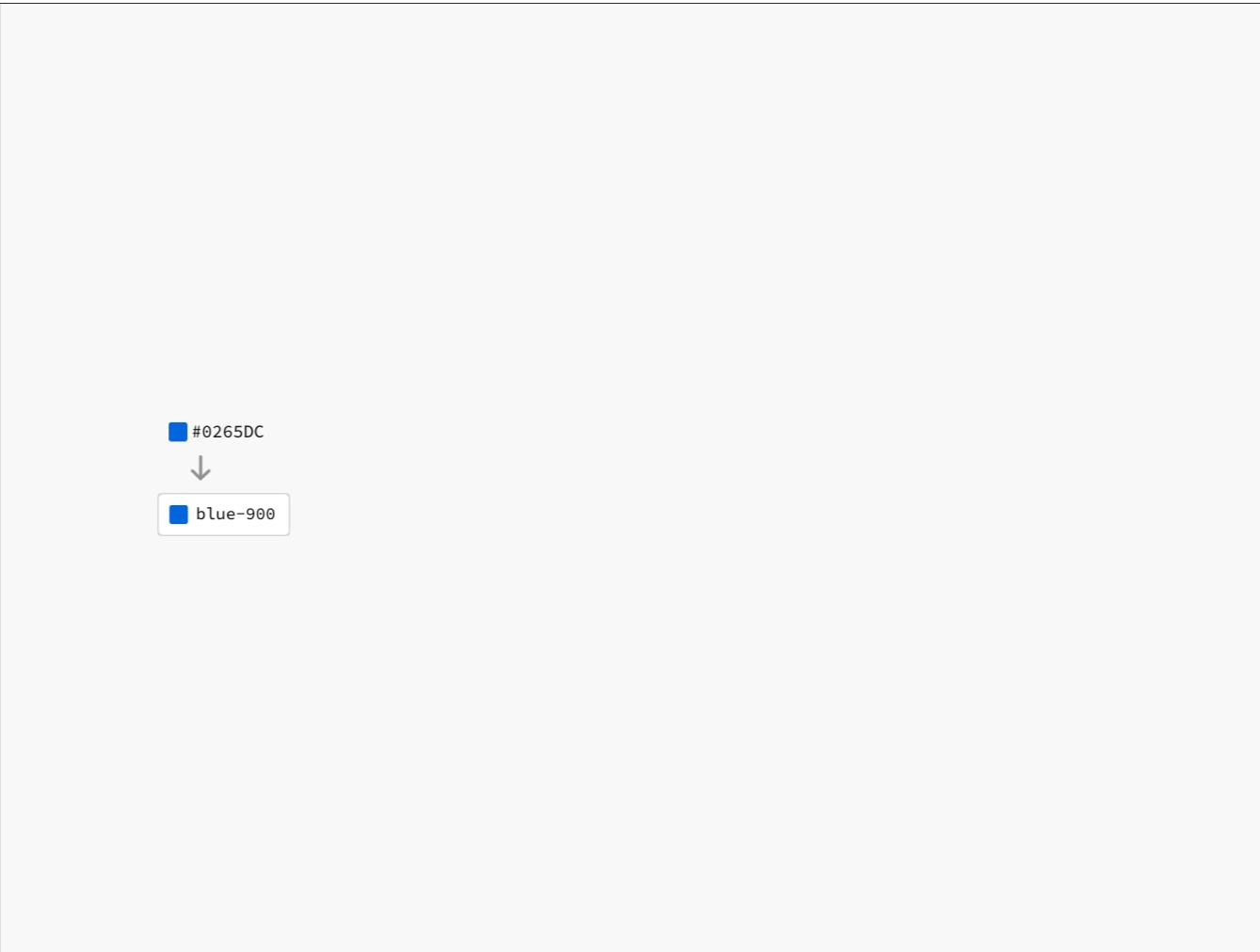
# Pain Points

## Maybe?

- Everyone
  - Finding the right token - name/value/everything
- Spectrum Design
  - Spec files
  - Authoring tokens
- Implementation Engineers
  - Spec files
- Leadership
  - Reduce complexity

 #0265DC

■ #0265DC value



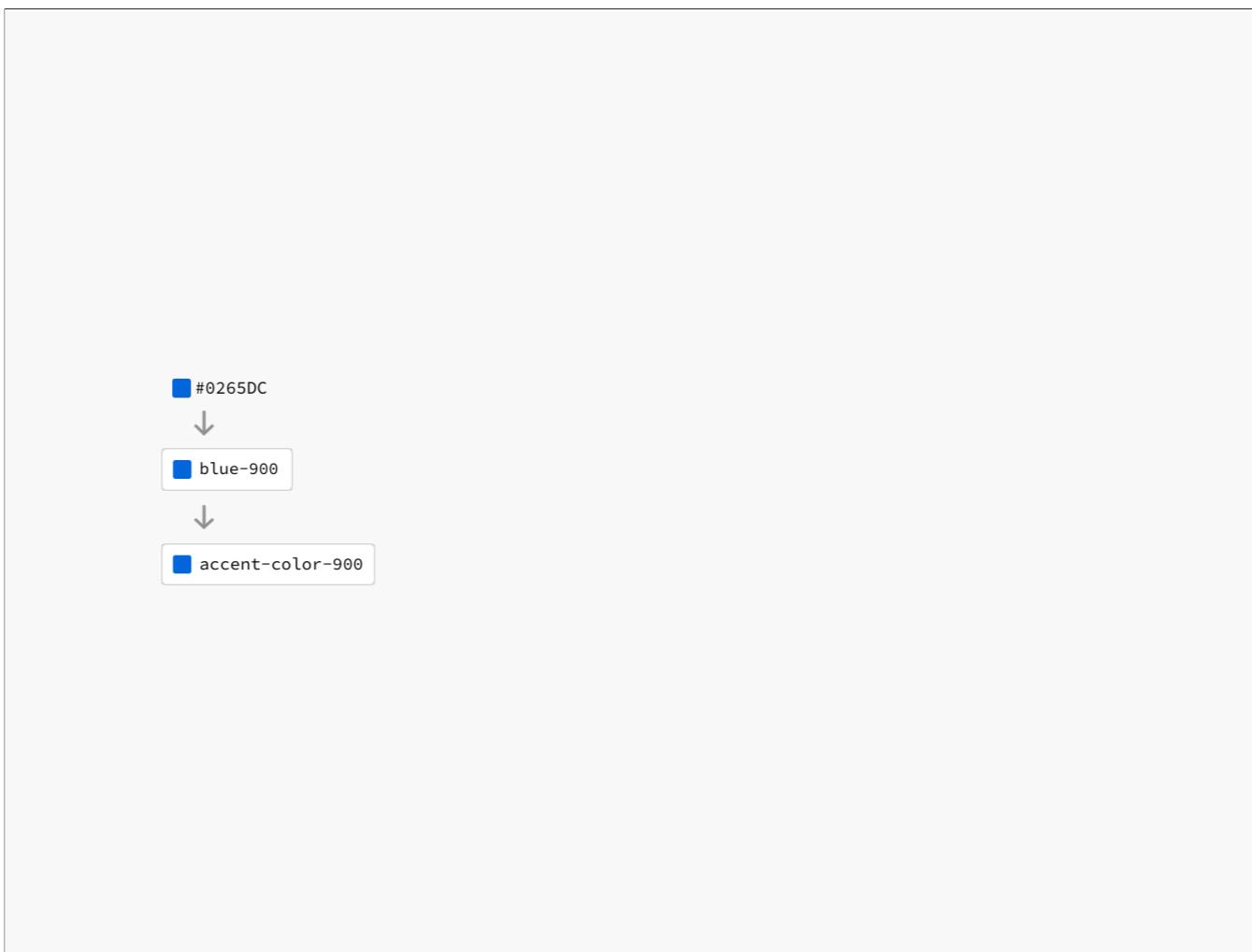
A name and a value - no associated component

#0265DC



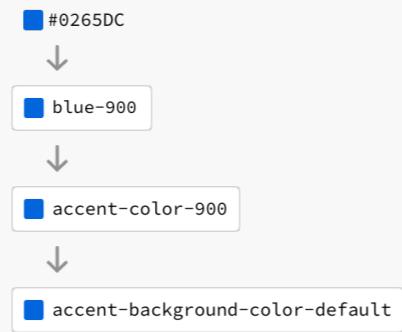
blue-900

base token

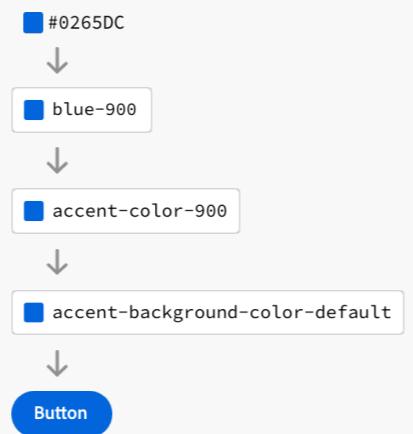


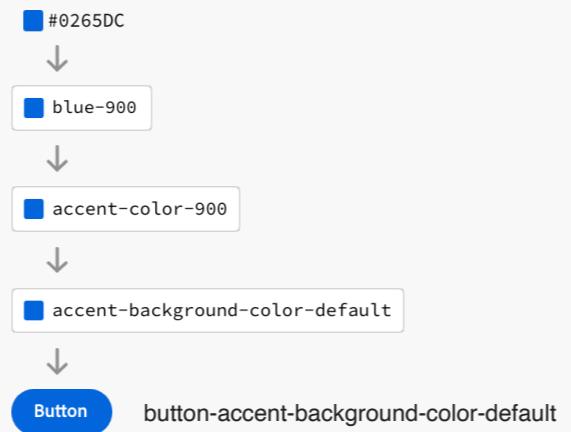
Semantic alias - a meaningful name and a reference to a value.

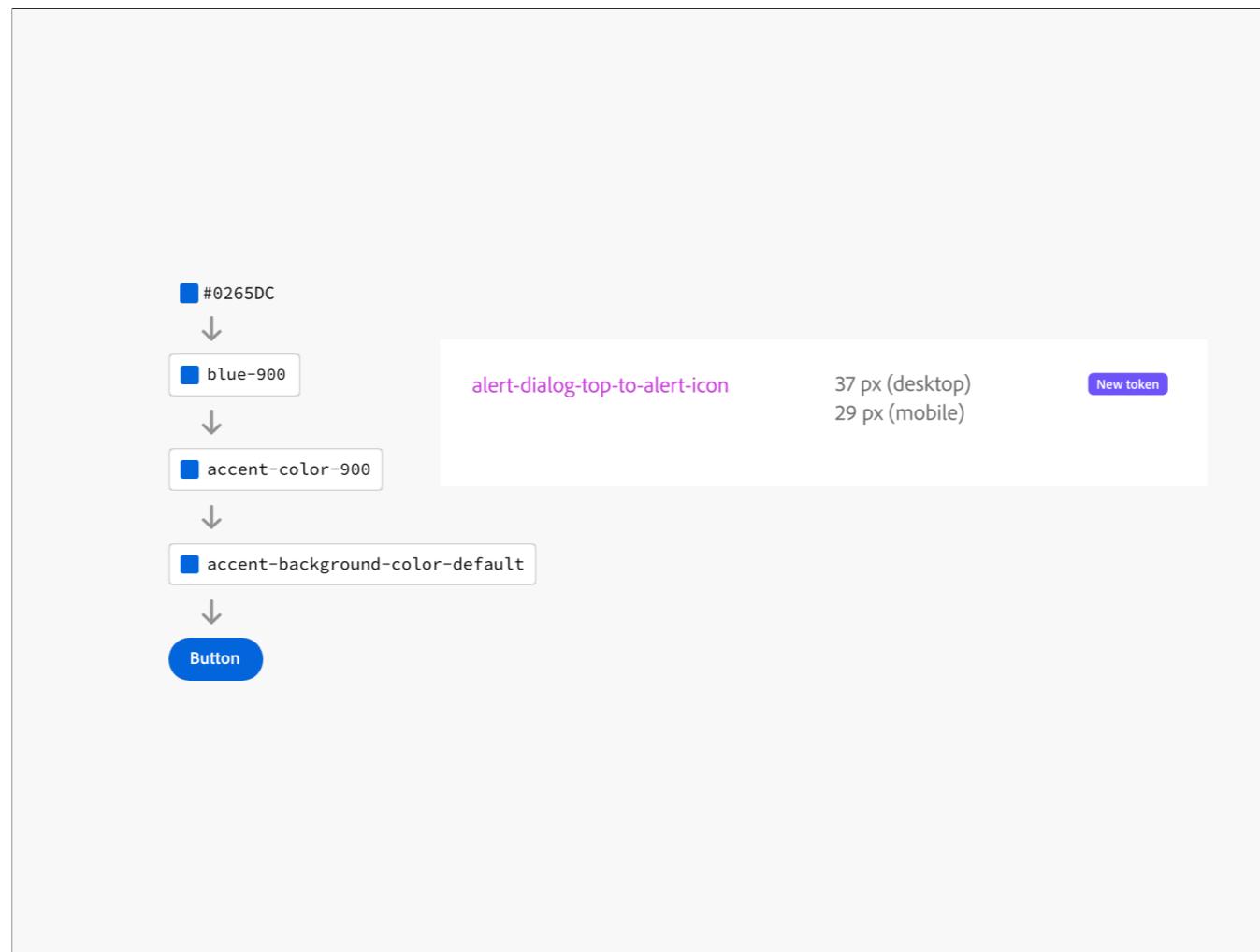
```
■ #0265DC
↓
■ blue-900
↓
■ accent-color-900 alias
```

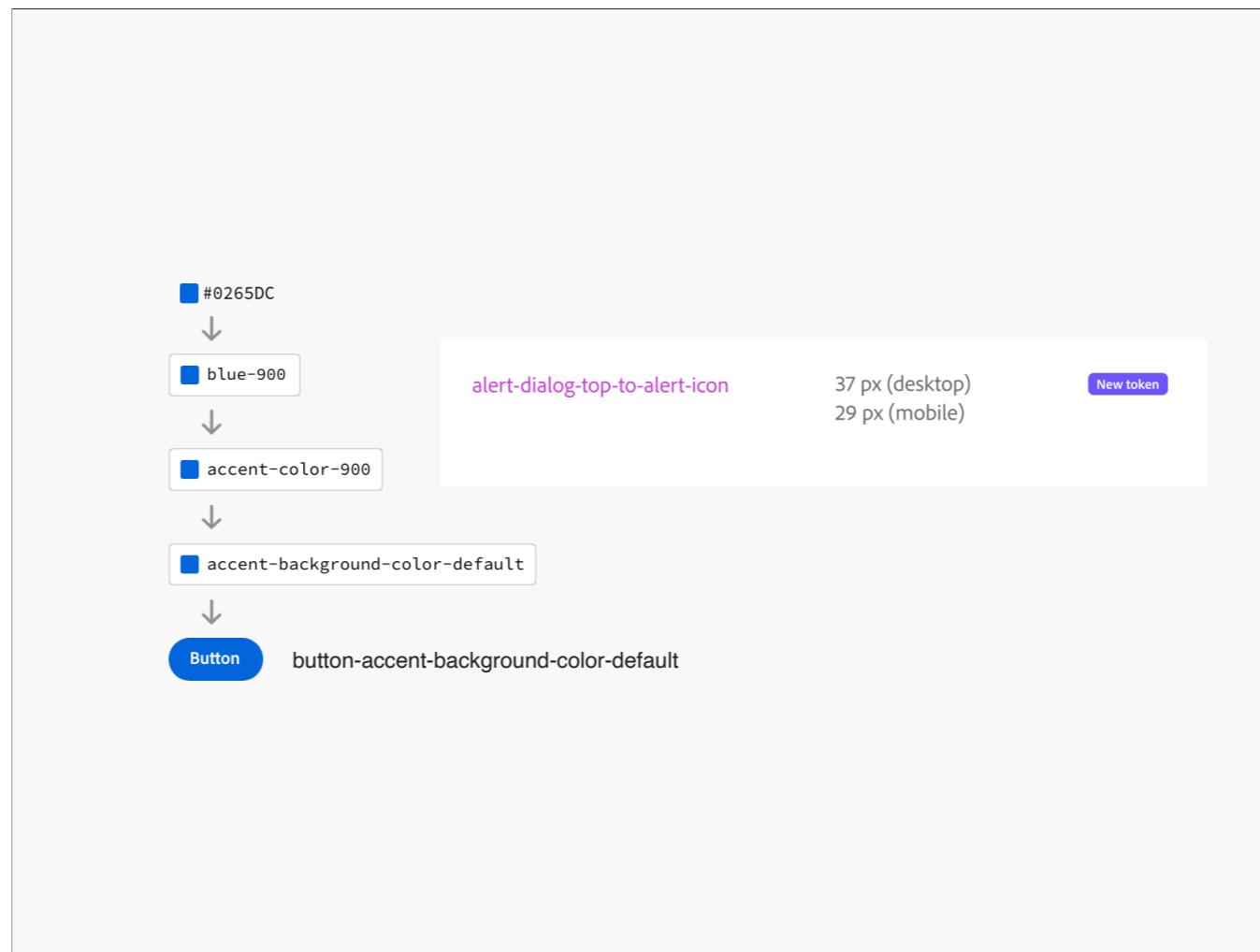










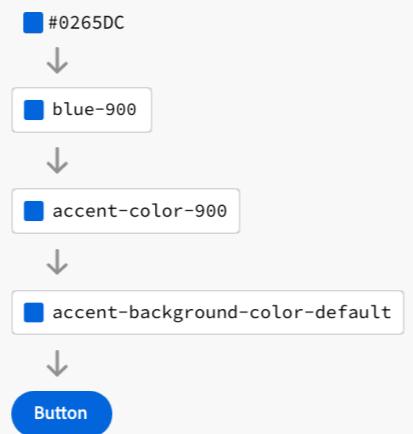


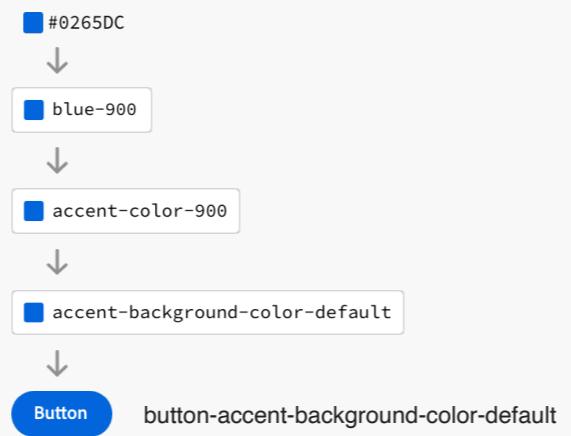
# Component Specific Tokens

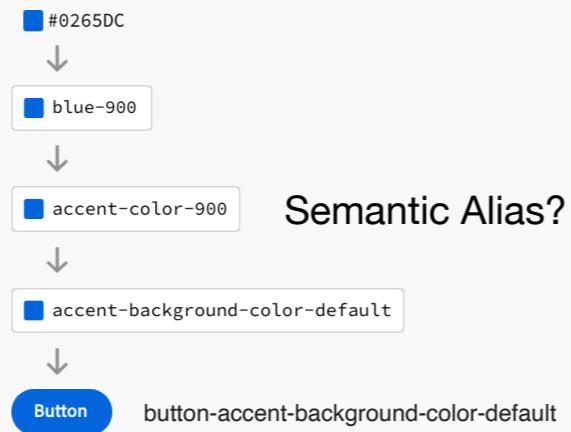
- Cons
  - Everything is unique
  - Lack of consistency
- Pros
  - Highly specific

# System aliases

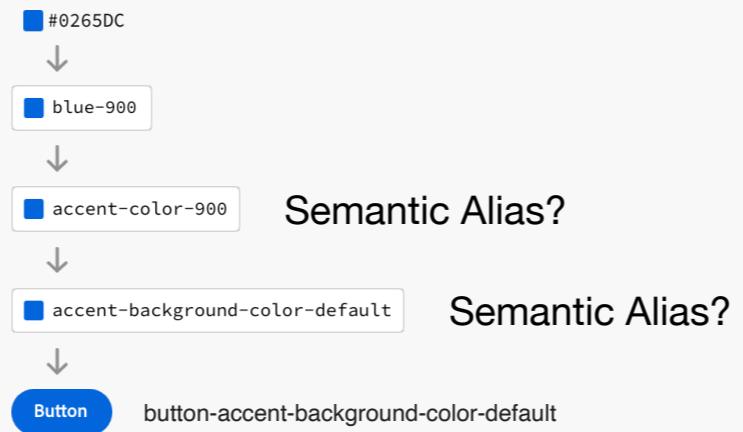
- Cons
  - Component relationship not currently captured in design data
  - Reused?
- Pros
  - Increased system consistency

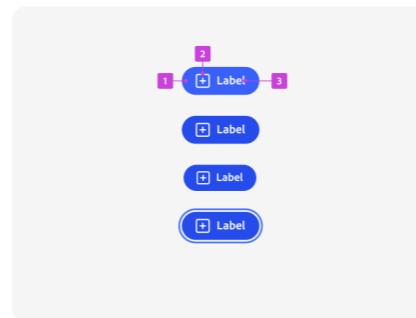






Semantic Alias?





## Accent

### Background

1 accent-background-color-default Default  
2 accent-background-color-hover Hover  
3 accent-background-color-down Down  
4 accent-background-color-key-focus Keyboard focus

### Icon

1 white

### Label

1 white

## **Pain Points**

### **Spectrum Design**

- A lot of data stored in Figma spec files
- Easy to create new component-specific tokens
- Hard to revisit and consolidate to create system aliases

# To the extremes

## Semantic vs Component

- Semantic (reduce number of tokens)
  - Maximum number of tokens
  - Constrain Design
- Component
  - No force shared data between

