

# Creating Component Themes



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# Components Need to Vary...



Layouts



Colors





**Using :host**

**Using :host-context**

**Conditionally render parts of the view**

**CSS custom properties**



# Component Themes: Layouts and Colors





## Layouts



## Colors





# Layout





# Colors





## Layouts



## Colors



.class

:host



# Adding Classes and Using :host



.class

:host



:host



:host(.class)



```
<my-component class="class">
```



# We Still Need...



Colors





**This works well, but...**





**This works well, but...**

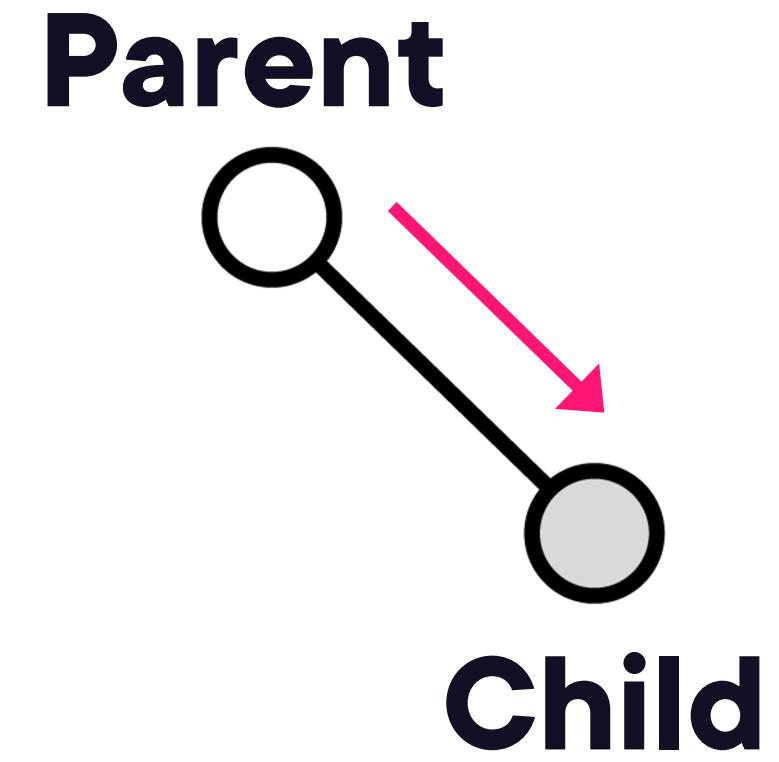
**There's at least one caveat**





**What if we don't have access to the host?**



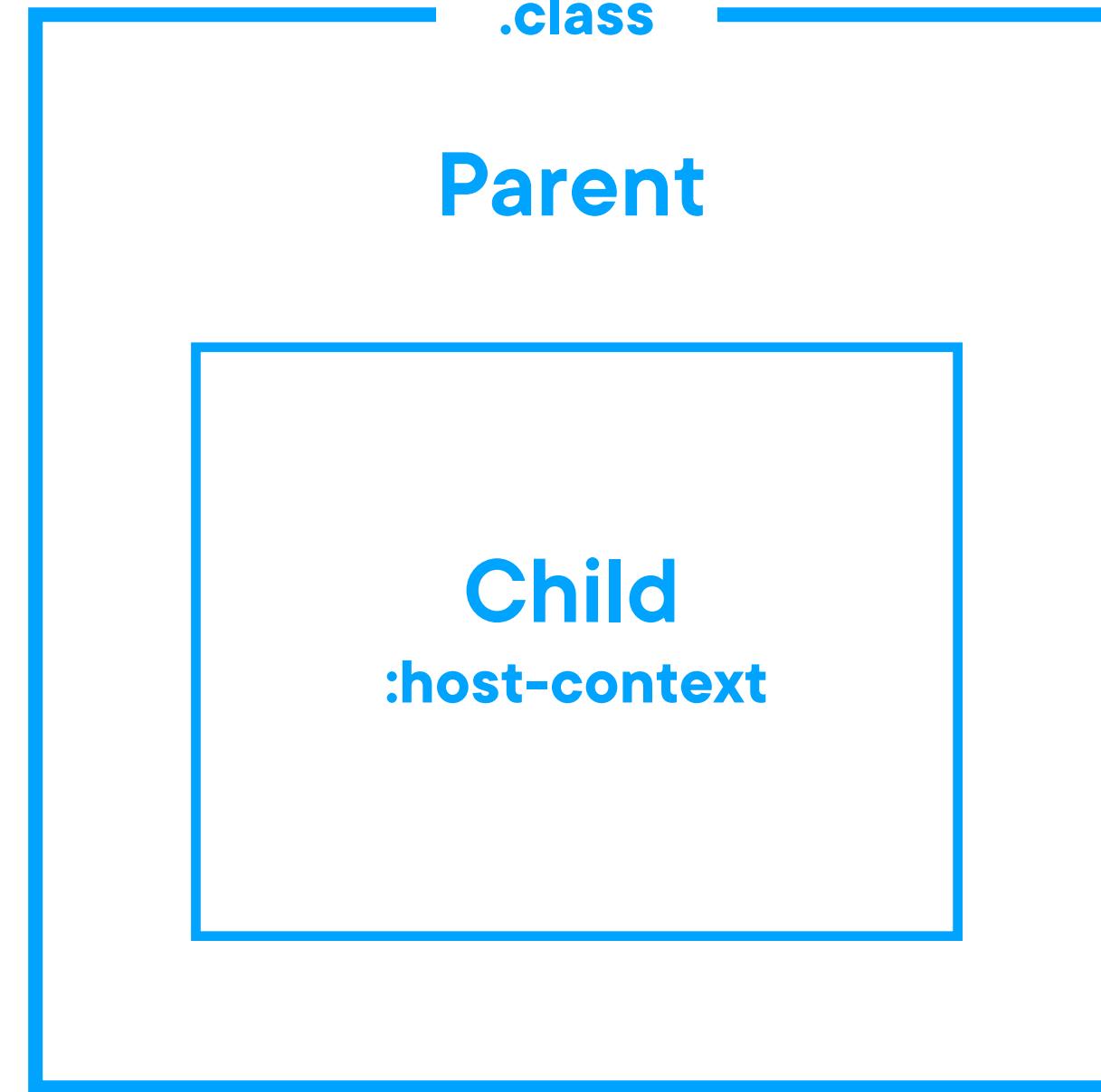
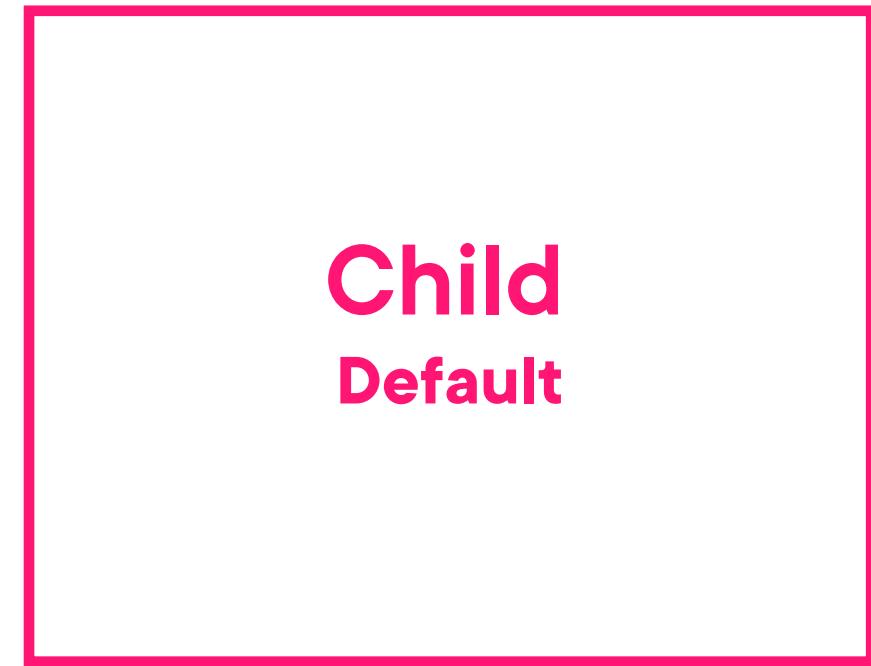


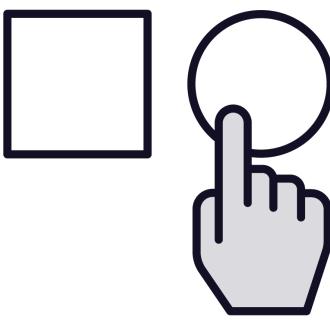


We can do this!

# Using :host-context

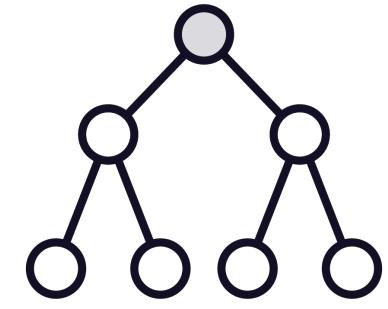






# Changing theme context





**Changing theme context  
affects everything within**



:host(.color--01)



:host-context(.color--01)



# Component Themes



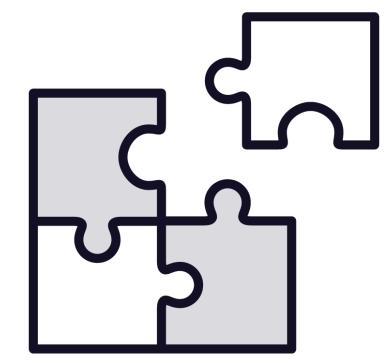
`:host`



`:host-context`

CSS custom  
properties





# Conditional content display



# Conditional Content Display



## Your Account is Expiring!

 Your account will expire within the next thirty days. Please update your payment method in your account.





**Needs logic...**





**Needs logic...  
But it's easy!**

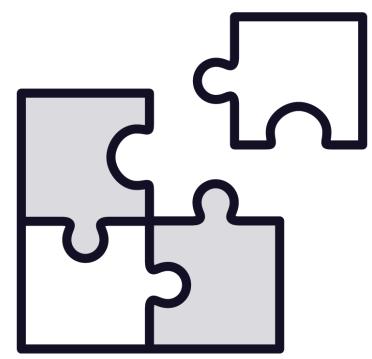


# We Need a Hook

Content child decorator

@ContentChild



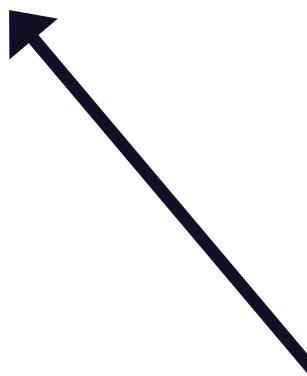


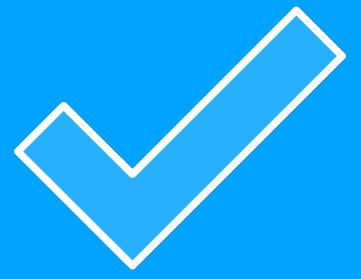
**Based on layout?**



## Your Account is Expiring!

 Your account will expire within the next thirty days. Please update your payment method in your account.





**Conditional content**

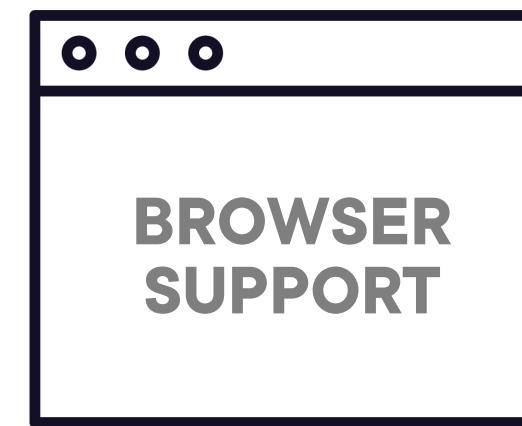
**CSS custom properties**



# Using Custom Properties (CSS Variables)



# Good News!





**Won't work in older  
browsers**



**Parent**

~~::ng deep~~



**Child**  
**CSS custom  
properties**

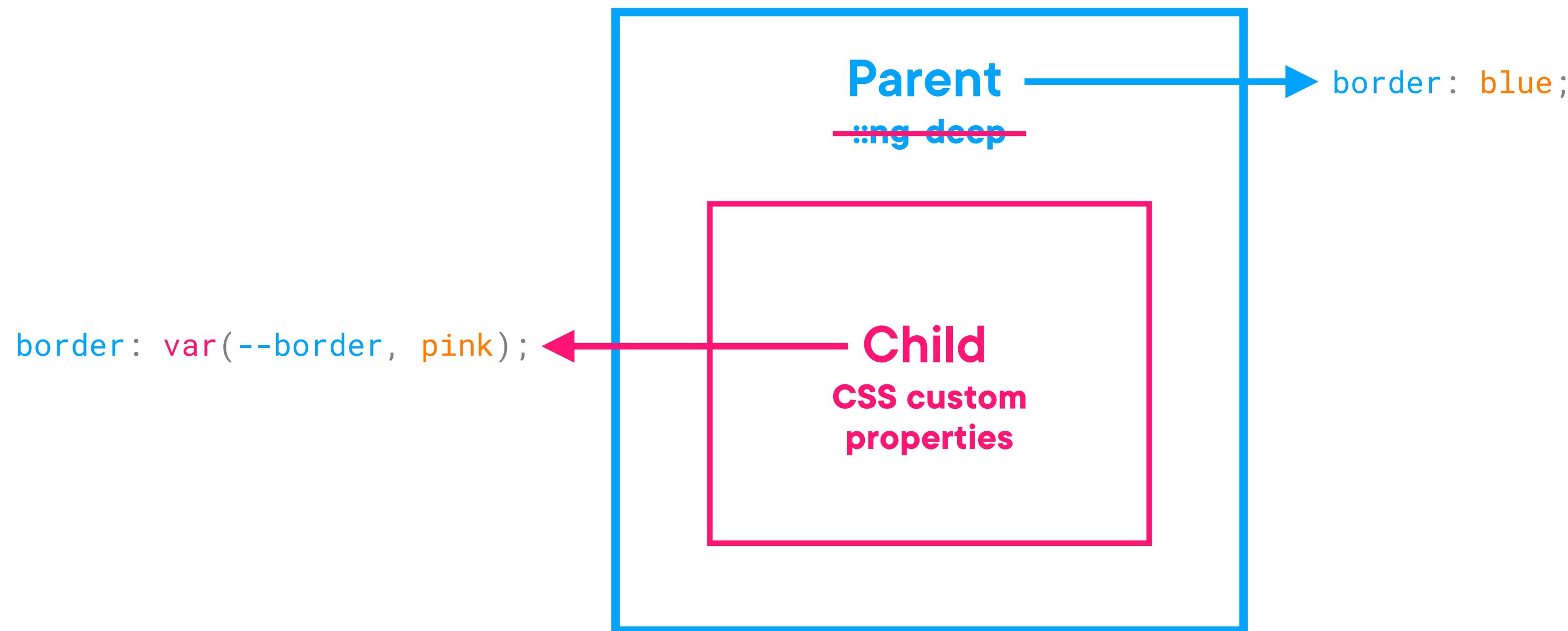


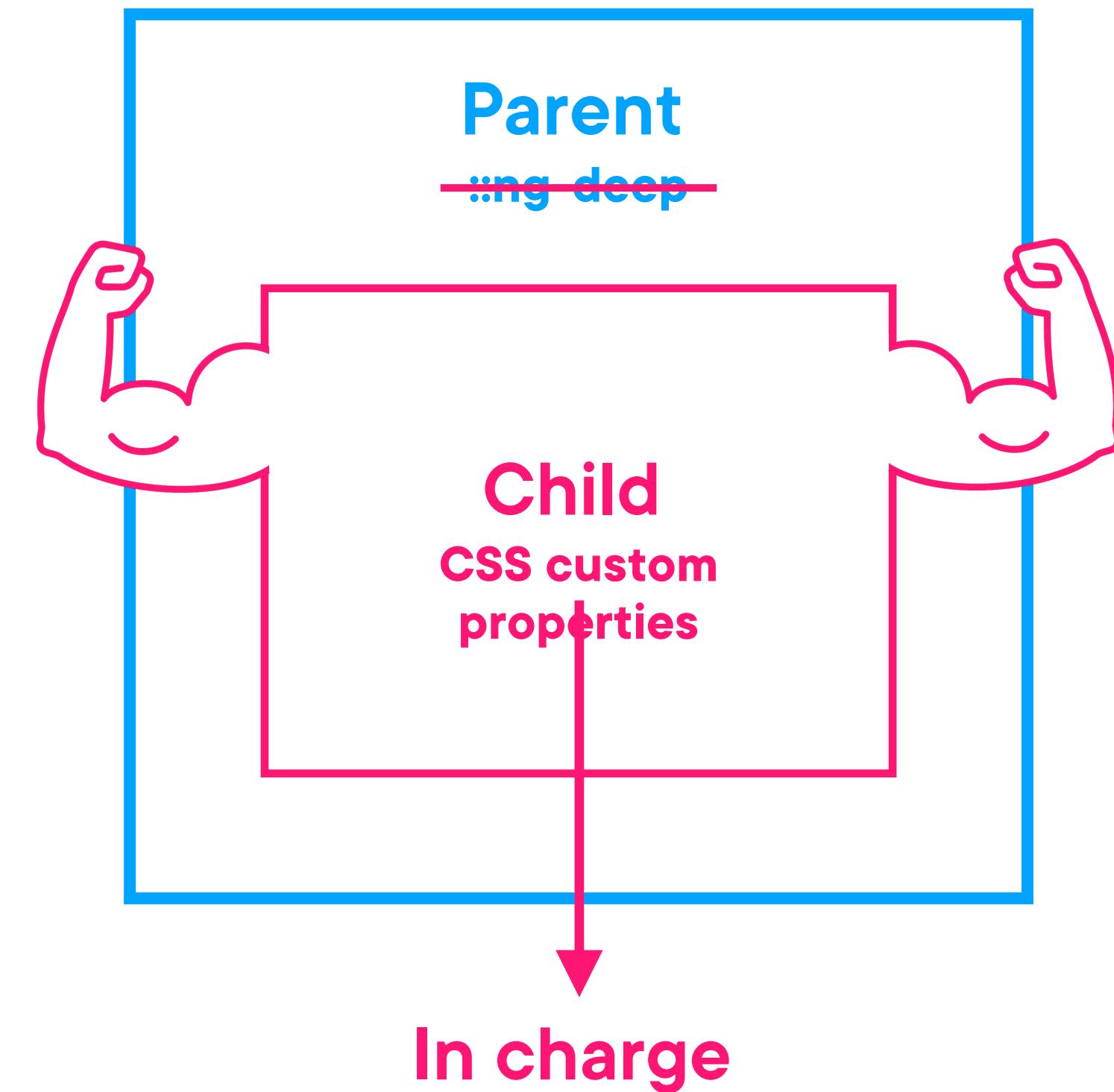
```
border: var(--border, pink);
```

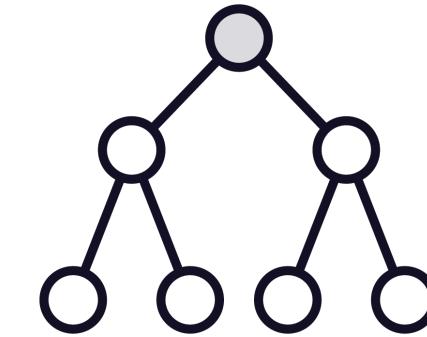
**Parent**  
~~::ng deep~~

**Child**  
**CSS custom  
properties**





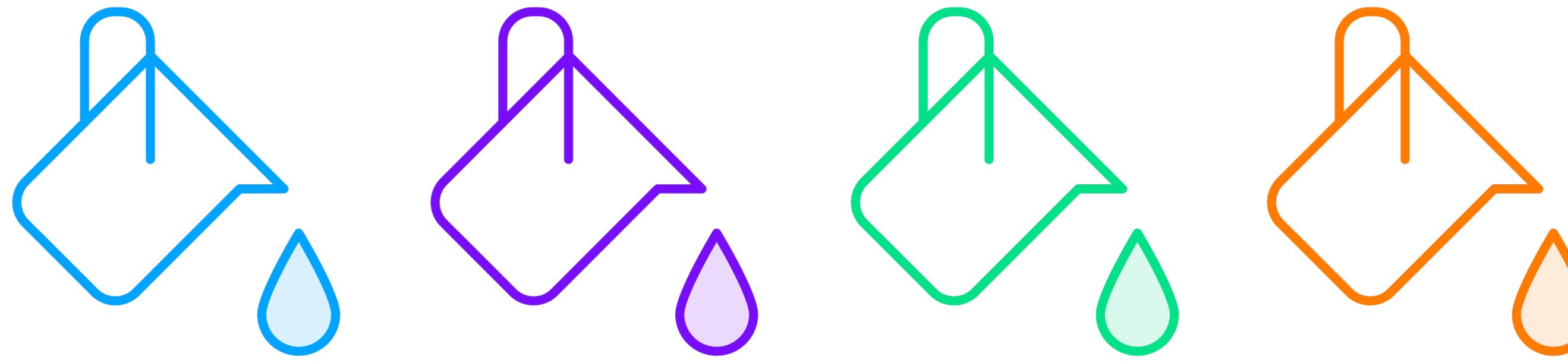




# CSS Custom Properties Cascade



# Multiple Color Versions?



**Parent**

**Child one**

**Child two**





**Neat, but...**





**Neat, but...  
Won't work in older  
browsers**



# Summary



**How to theme components**

**Layout vs. color**

**:host and :host-context**

**Add logic to flow classes through from component to component**

**Add logic for conditional content display**

**CSS custom properties**



**Up Next:**

# **Recap and Takeaways**

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