

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 & Colors





Layouts



Colors





Layout



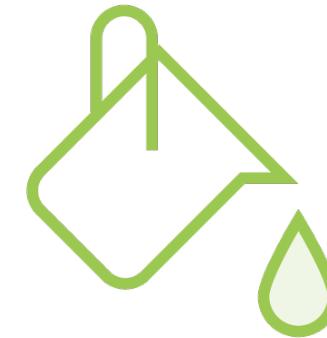


Colors





Layouts



Colors



.class

:host



Adding Classes & Using :host



.class

:host



:host



:host(.class)



We Still Need...



Color





This Works Well, But...





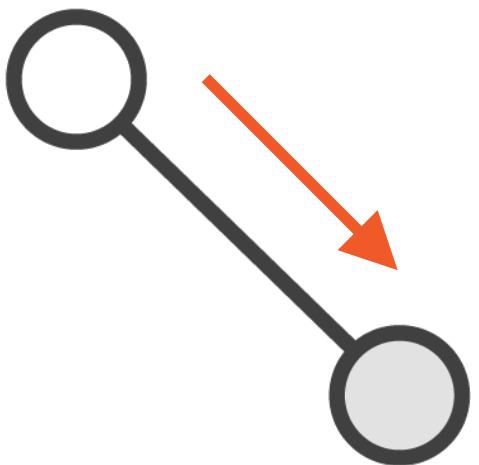
This Works Well, But...
There's at Least One Caveat



What if We Don't Have Access to the Host?



Parent



Child

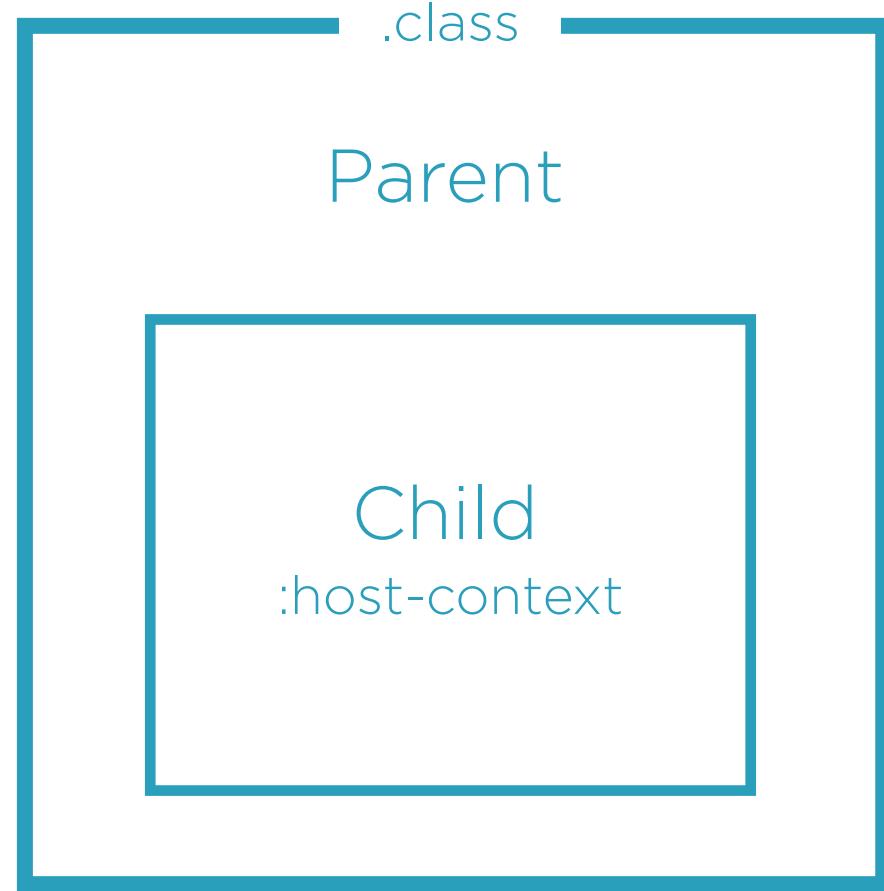


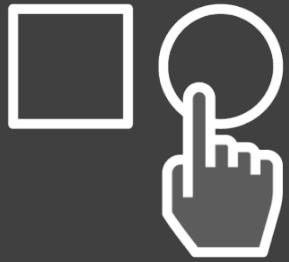
We Can
Do This!



Using :host-context

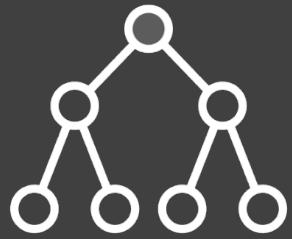






Changing Theme Context





Changing Theme Context
Affects Everything Within



:host(.color--01)



:host-context(.color--01)



Component Themes



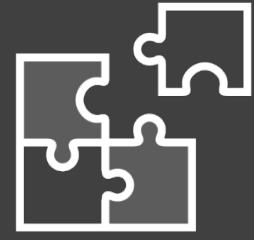
`:host`



`:host-context`

**CSS Custom
Properties**



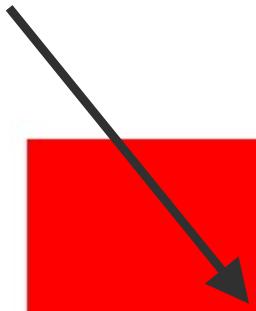


Conditional Content Display



Conditional Content Display





Your Account is Expiring!



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

Your Account is Expiring!





Needs Logic...





Needs Logic...
But It's Easy!

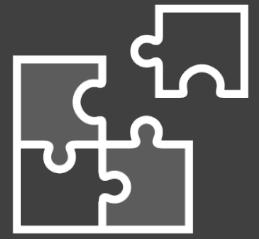


We Need a Hook

Content Child Decorator

@ContentChild





Based on Layout?



Your Account is Expiring!

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



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)



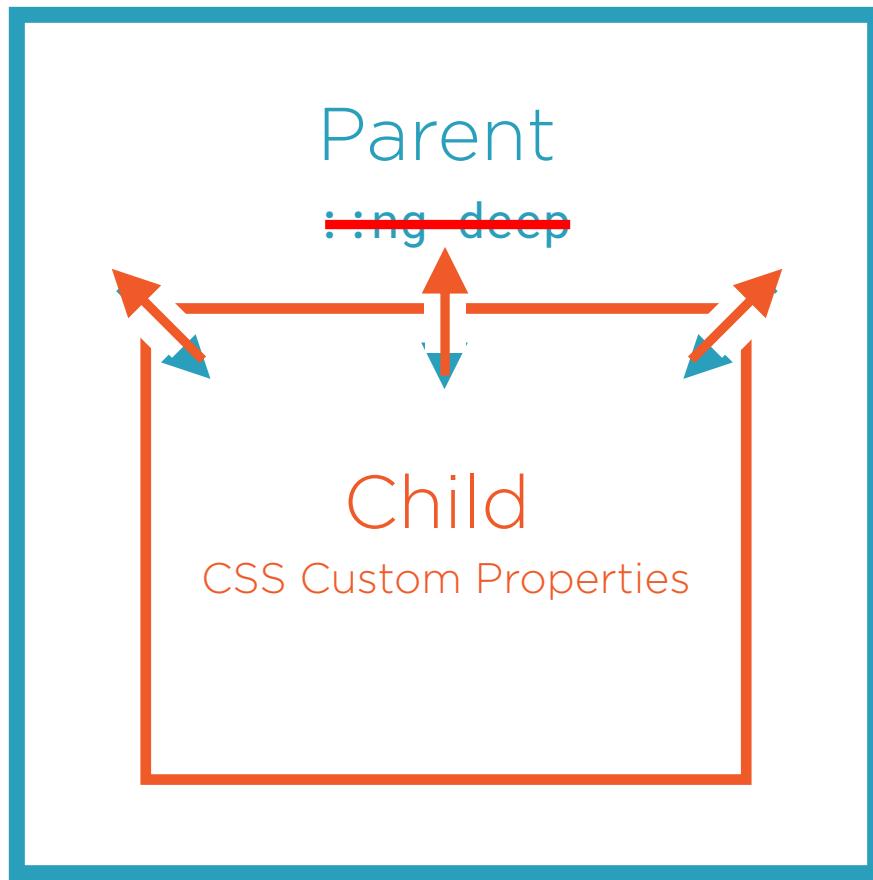
Good News!





Won't Work in Older Browsers



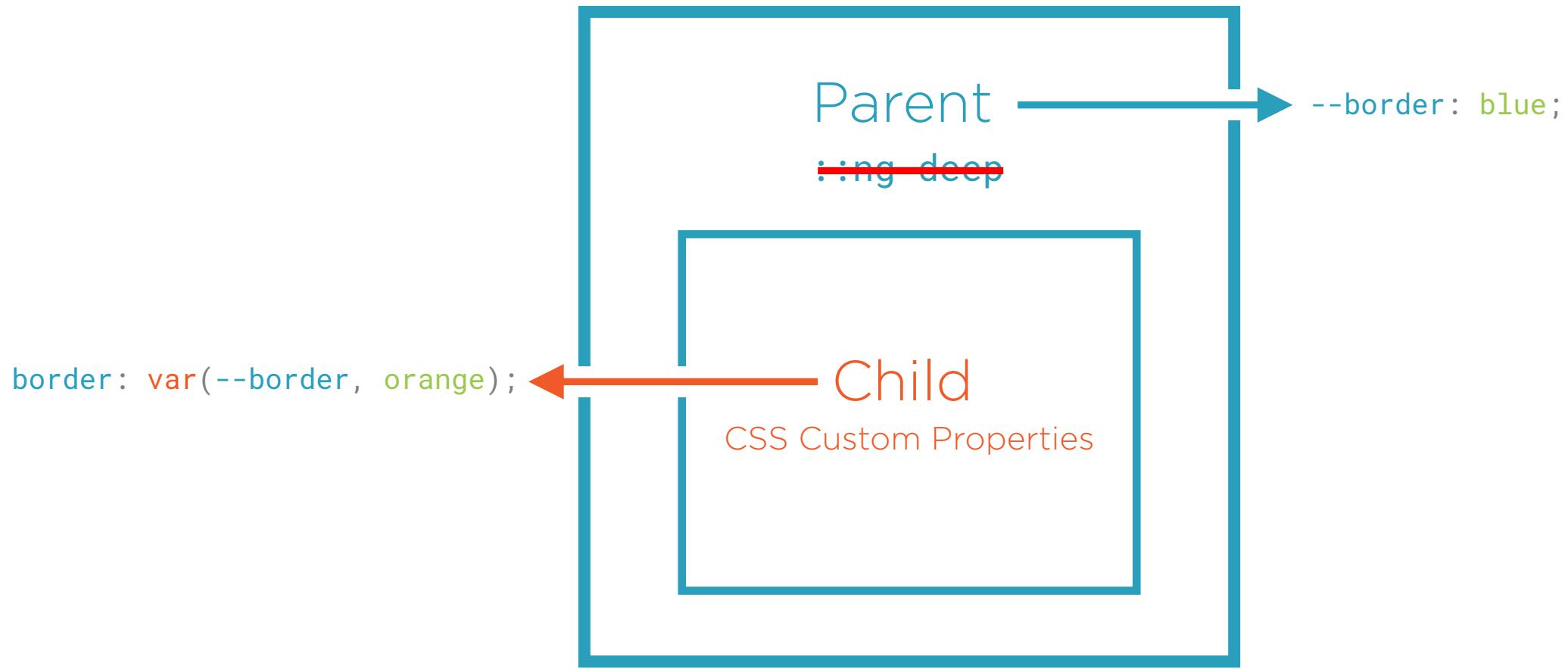


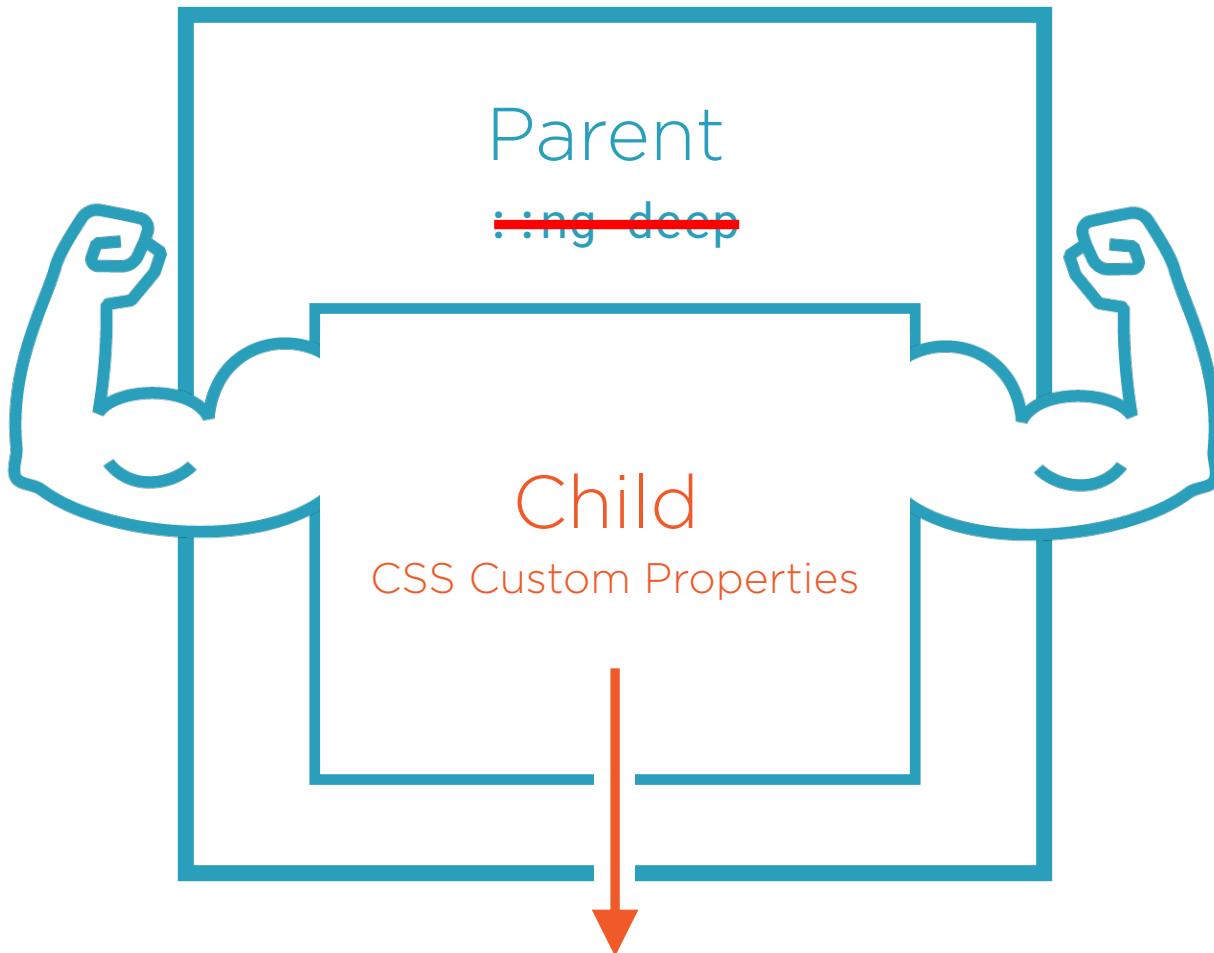
```
border: var(--border, orange);
```

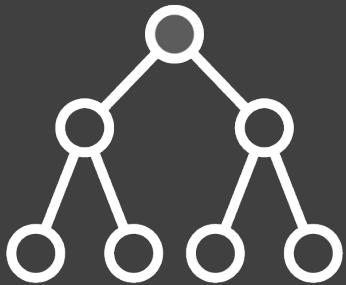
Parent
::ng-deep

Child
CSS Custom Properties









CSS Custom Properties Cascade





Multiple Color Versions?



Parent

Child One

Child Two





Neat, but...





Won't Work in Older Browsers



Summary



How to Theme Components

Layout vs. Color

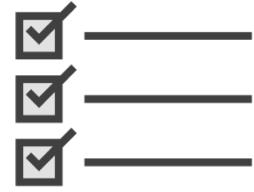
:host & :host-context

Add Logic to Flow Classes Through From Component to Component

Add Logic for Conditional Content Display

CSS Custom Properties





Recap & Takeaways

