

Design System & Flutter

# Explorando a consistência visual para o seu projeto

[~/mobile\\_sync/author/Michael Martins](https://medium.com/@mobile_sync/author/Michael-Martins)





# Michael Martins

@michaelmartins.me

**Ecosistema Mobile**

+4 anos atuando na área

**Desenvolvedor Flutter Sênior**

@ CondoConta

**Voluntário**

@Flutter.Floripa



**Vamos  
começar!**

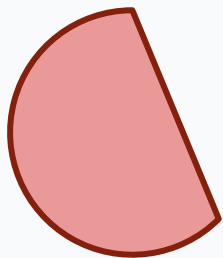
O QUE É

# DESIGN SYSTEM?

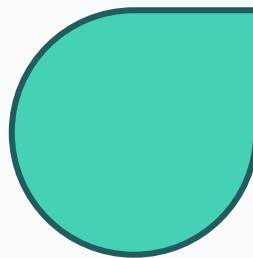
## **Padrões & Diretrizes**

Consistência visual e de interação

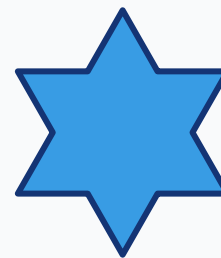




**Princípios  
de Design**



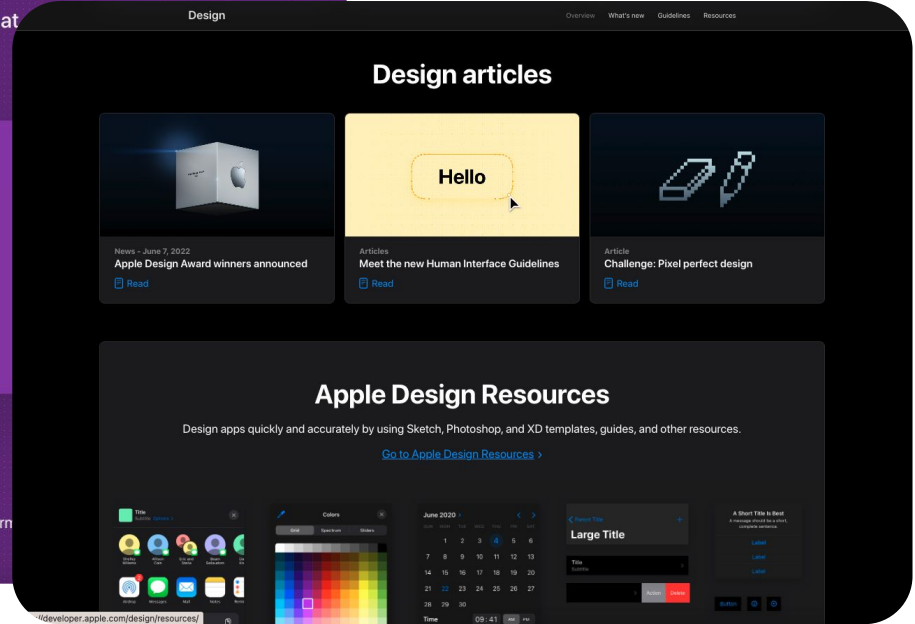
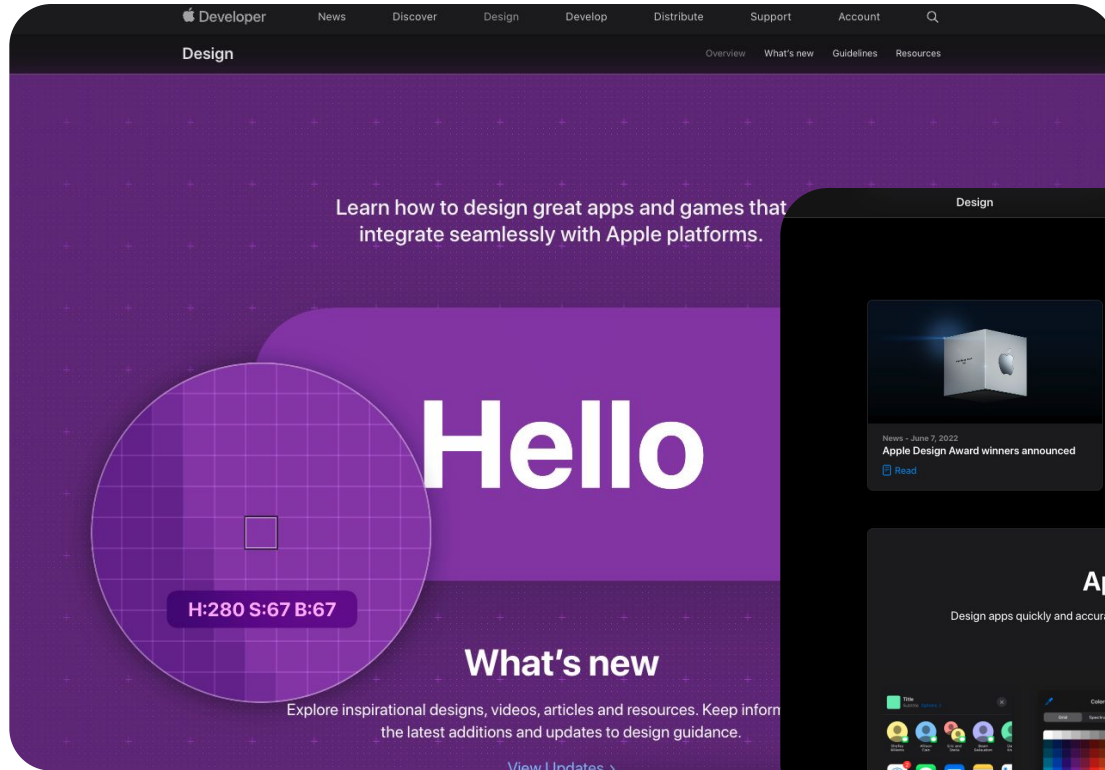
**Guia  
de Estilo**



**Biblioteca de  
Componentes**




## Material Design 3.0



## Apple - Diretrizes de Interface Humana



 Spectrum

Spectrum

Foundation

Content

Components

Patterns

Tools and resources

Support

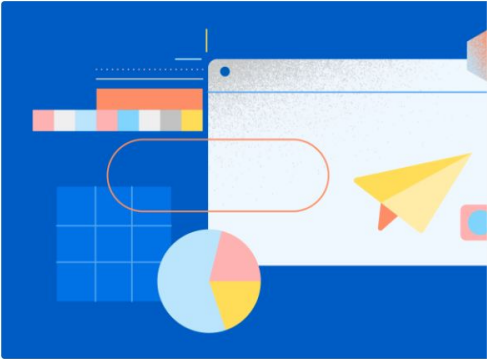
Spectrum CSS

React Spectrum

Spectrum Web Components

# 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.

[Download Adobe XD plugin](#)

 Spectrum

Spectrum

Foundation

Content

Components

Actions

**Action bar**

Action button

Action group

Button

Button group

Close button

Link

Menu

Containers

Data visualization

Feedback

Inputs

Navigation

Status

Typography

## Action bar

Version 4.0.0


Action bars are used for single and bulk selection patterns, when a user needs to perform actions on either a single or multiple items at the same time.


✕ 224 selected


EditCopyDelete


✕ 224 selected

EditCopyDelete

 **Download UI kit**  
XD file

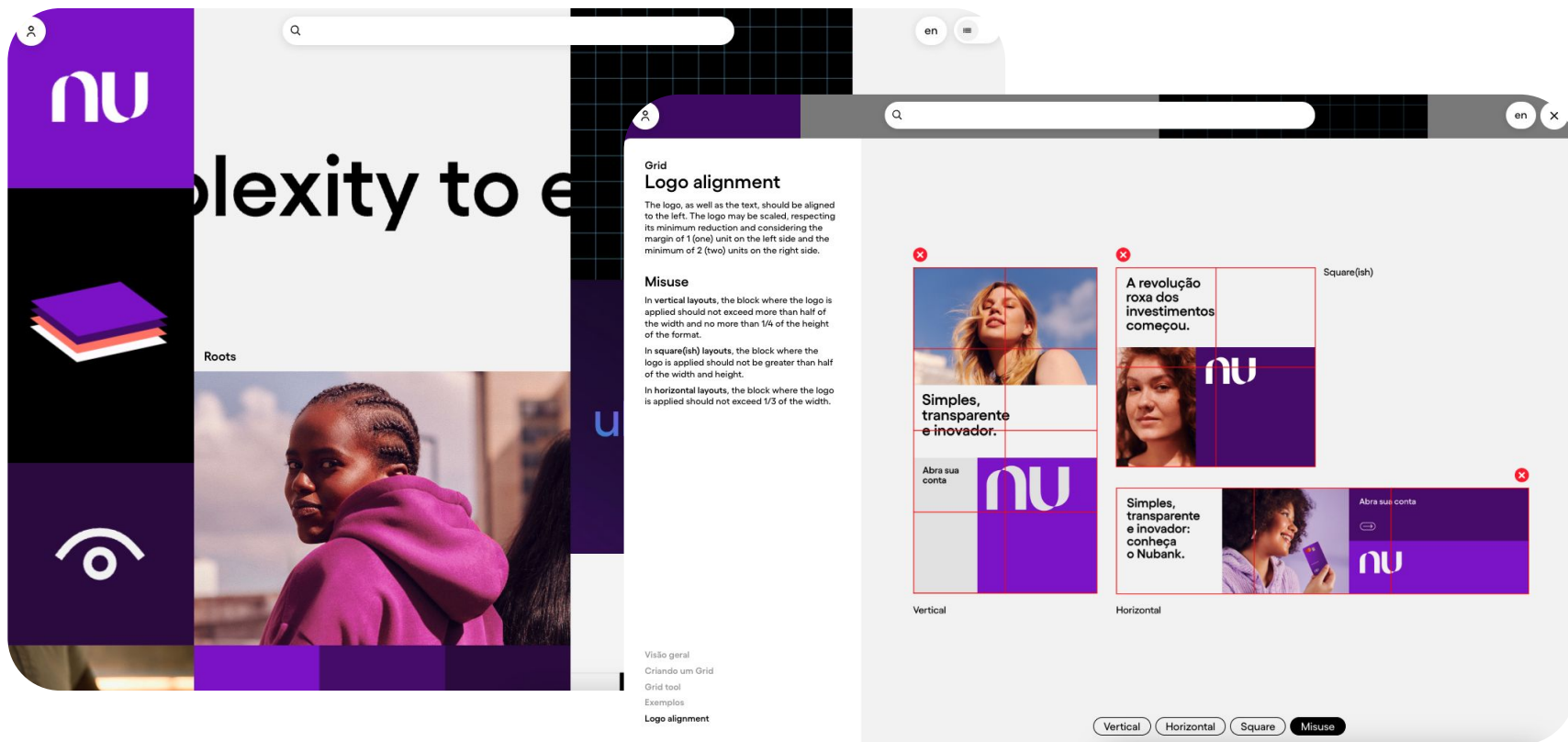
 **View component**  
Spectrum CSS

 **View component**  
Web Components

 **View component**  
React Spectrum

**Table of contents**

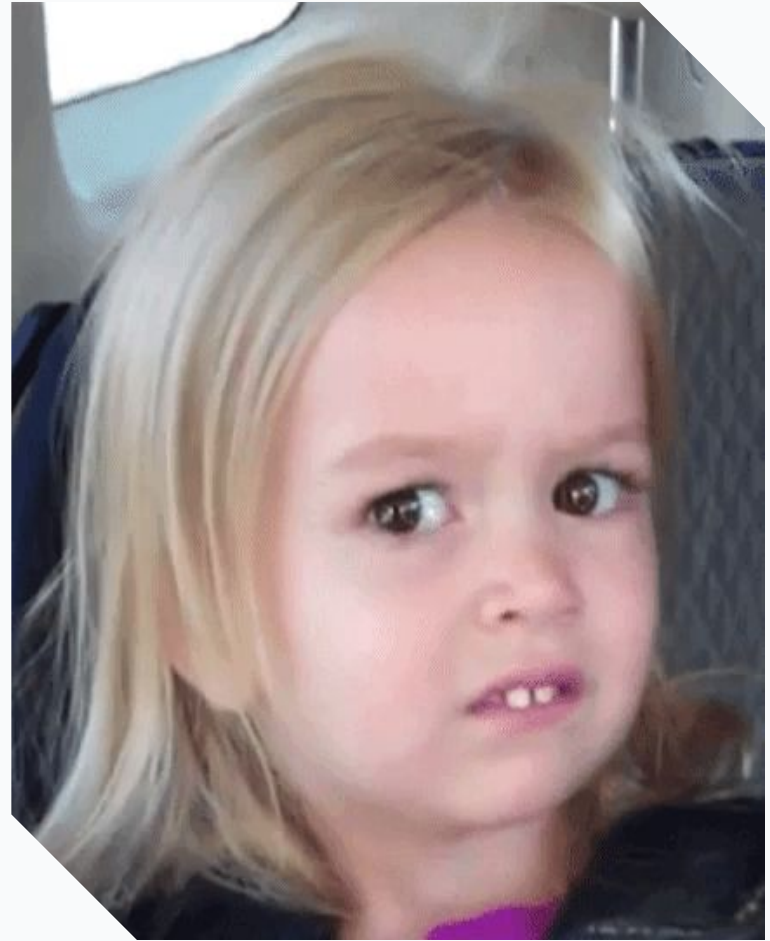
[Anatomy](#)



## Brand - Nubank



**Mas, e o  
Flutter?**



# Flutter

## Interfaces incríveis!

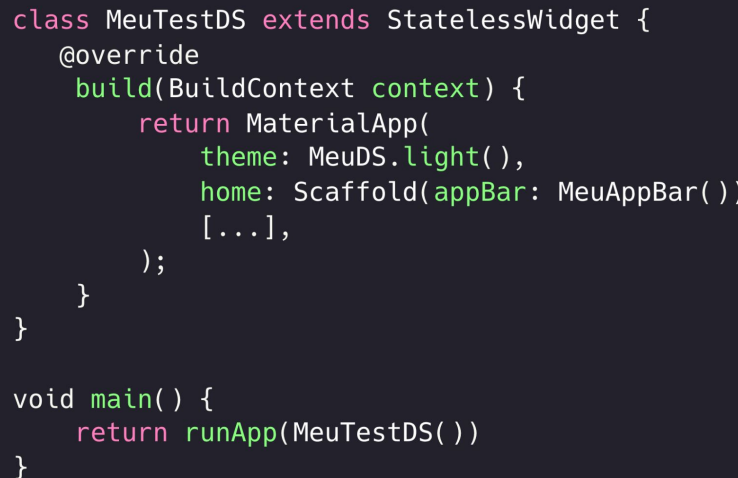
## Liberdade



# Flutter

Interfaces incríveis!

Liberdade



```
class MeuTestDS extends StatelessWidget {  
  @override  
  build(BuildContext context) {  
    return MaterialApp(  
      theme: MeuDS.light(),  
      home: Scaffold(appBar: MeuAppBar()),  
      [...],  
    );  
  }  
}  
  
void main() {  
  return runApp(MeuTestDS())  
}
```

Por que

# Flutter e Design System?



# Consistência



**Garantir a consistência da interface do usuário em toda a aplicação.**





# **Eficiência**



**Economizar tempo e esforço na  
criação de componentes de  
interface do usuário**



# Escalabilidade



**Escalar a aplicação com mais facilidade**



# Manutenção



**Design centralizado onde é possível alterar algo em um único local**



# Custo



**Investimento: Tempo x Dinheiro**

E aí,  
**vale a pena?**



**Era uma vez...**

Desejamos criar  
novas aplicações  
internas

**CARAMELO'S  
COMPANY**



Atualmente



Desejamos criar  
novas aplicações  
internas

**CARAMELO'S  
COMPANY**



Atualmente



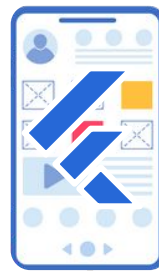


Desejamos criar  
novas aplicações  
internas

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Solução



App  
principal



App interno

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internas

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Solução



App  
principal



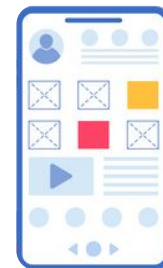
App interno

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Solução



App  
principal



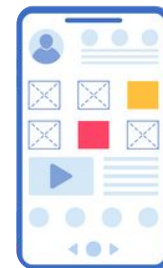
App interno

Desejamos criar  
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internas

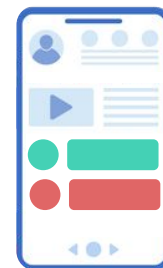
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COMPANY**



Solução



App  
principal



App interno



# Yeahhh!

**Chegamos em uma solução,  
agora podemos codar?**



```
class MeuTestDS extends StatelessWidget {  
  @override  
  build(BuildContext context) {  
    return MaterialApp(  
      theme: MeuDS.light(),  
      home: Scaffold(appBar: MeuAppBar()),  
      [...],  
    );  
  }  
}  
  
void main() {  
  runApp(MeuTestDS())  
}
```



```
// MeuDS Estrutura  
  
- lib  
  /components  
  /theme  
  // Exportar design  
  meu_ds.dart  
- pubspec.yaml  
- [...]
```



# Palavras-chave

**Atomic Design**  
**StoryBook**  
**ShowRoom**

# Dicas para começar



# Identifique a necessidade



# Crie um plano de ação



# Envolva a equipe



# Design System atualizado



# Explore os recursos tecnológicos



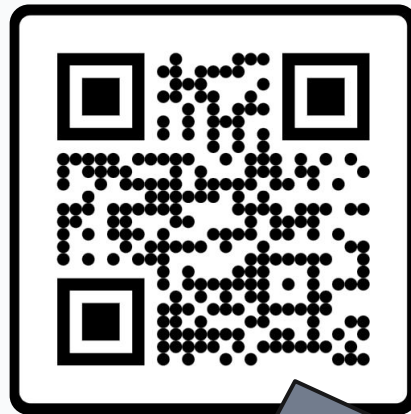
# Projetos Flutter com Design System

# Obrigado

Dúvidas?



Michael Martins



Leia o QR Code para  
dicas, links e conteúdos  
da palestra