

Guia de configuração do ambiente de desenvolvimento – REACT NATIVE

Instalar o Node e o NPM

<https://nodejs.org/pt-br/blog/release/v18.12.0>

Visual studio code:

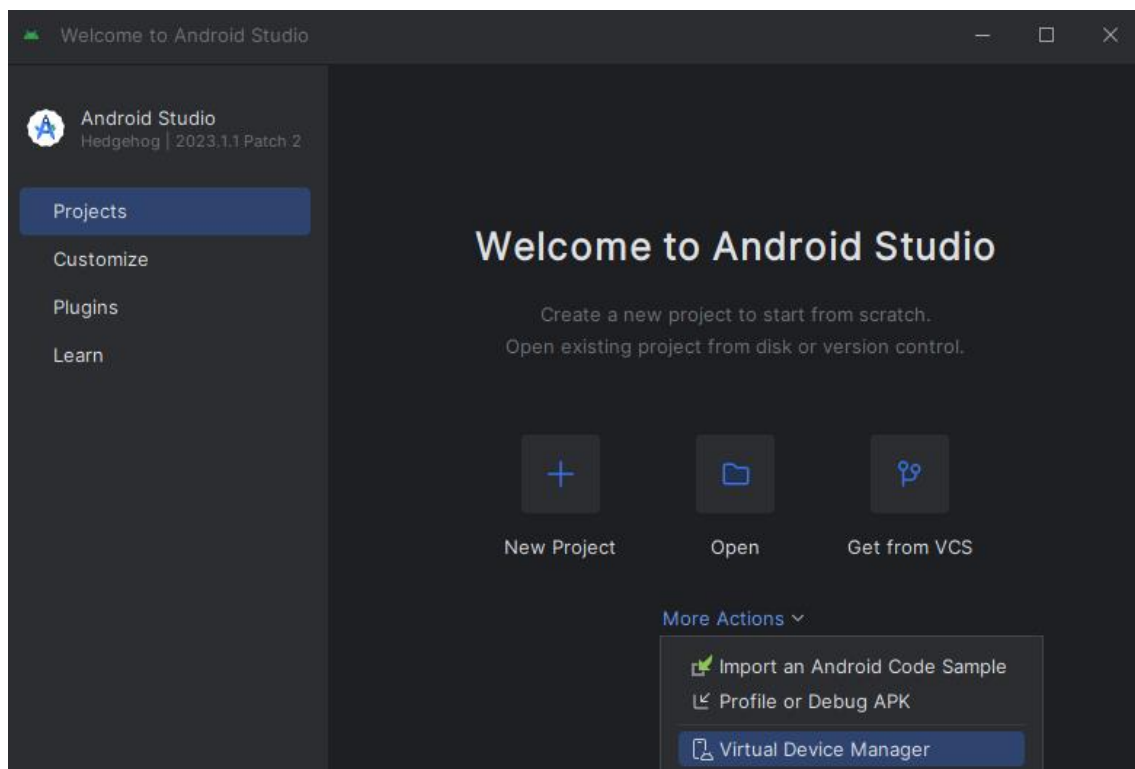
<https://code.visualstudio.com/download>

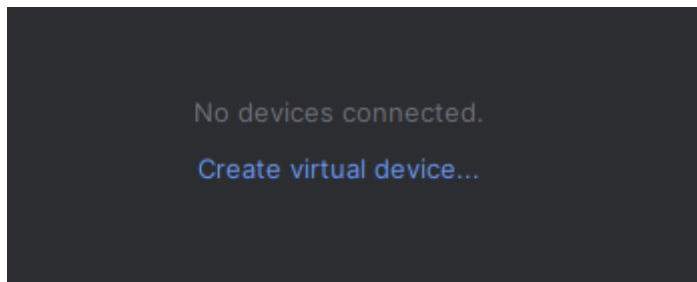
Escolha a opção :

System Installer x64

Android Studio:

<https://developer.android.com/studio?hl=pt-br>





Pixel 5		6,0"	1080x2340	440dpi
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Virtual Device Configuration

System Image

Select a system image

Recommendedx86 ImagesOther Images

Release Name	API Level	ABI	Target
TiramisuPrivacySandbox	34	x86_64	Android 14.0 (Google APIs)
UpsideDownCake	34	x86_64	Android 14.0 (Google APIs)
Tiramisu	33	x86_64	Android 13.0 (Google APIs)
Sv2	32	x86_64	Android 12L (Google APIs)
S	31	x86_64	Android 12.0 (Google APIs)
R	30	x86	Android 11.0 (Google APIs)
Q	29	x86	Android 10.0 (Google APIs)
Pie	28	x86	Android 9.0 (Google APIs)
Oreo	27	x86	Android 8.1 (Google APIs)
Oreo	26	x86	Android 8.0 (Google APIs)
Nougat	25	x86	Android 7.1.1 (Google APIs)

UpsideDownCake

API Level

34

Type

Google APIs

Android

14.0

Google Inc.

System Image

x86_64

We recommend these images because they run the fastest and support Google APIs.

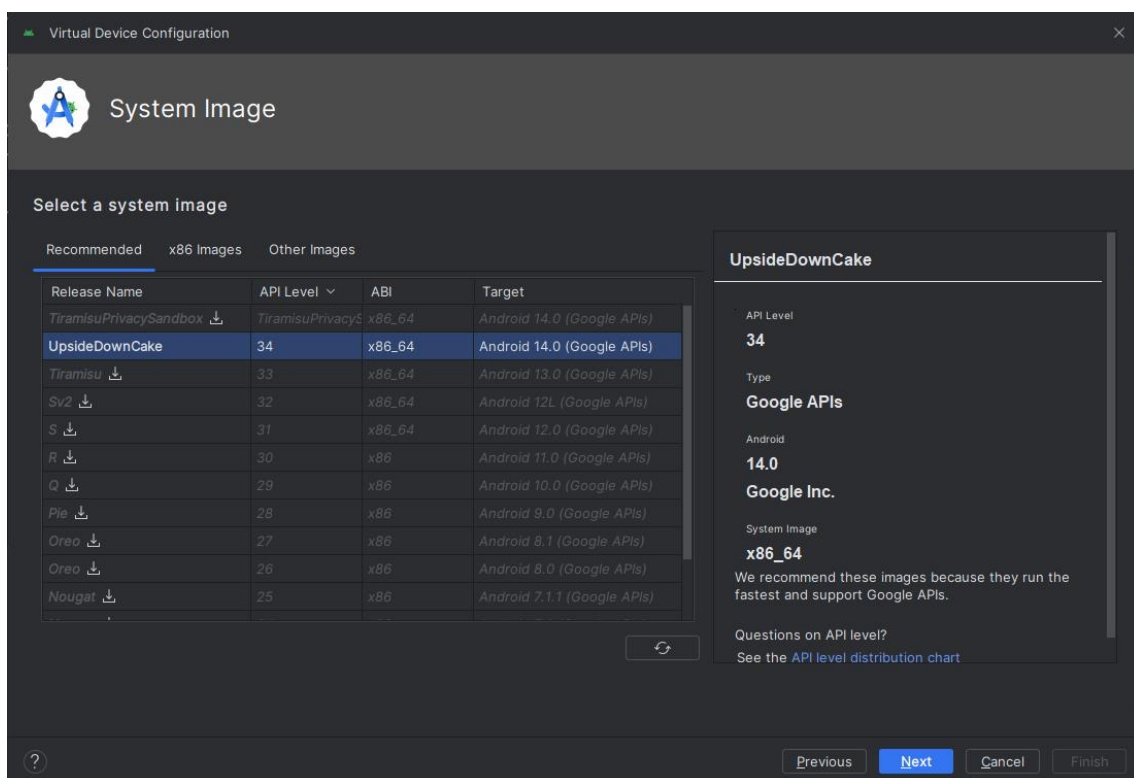
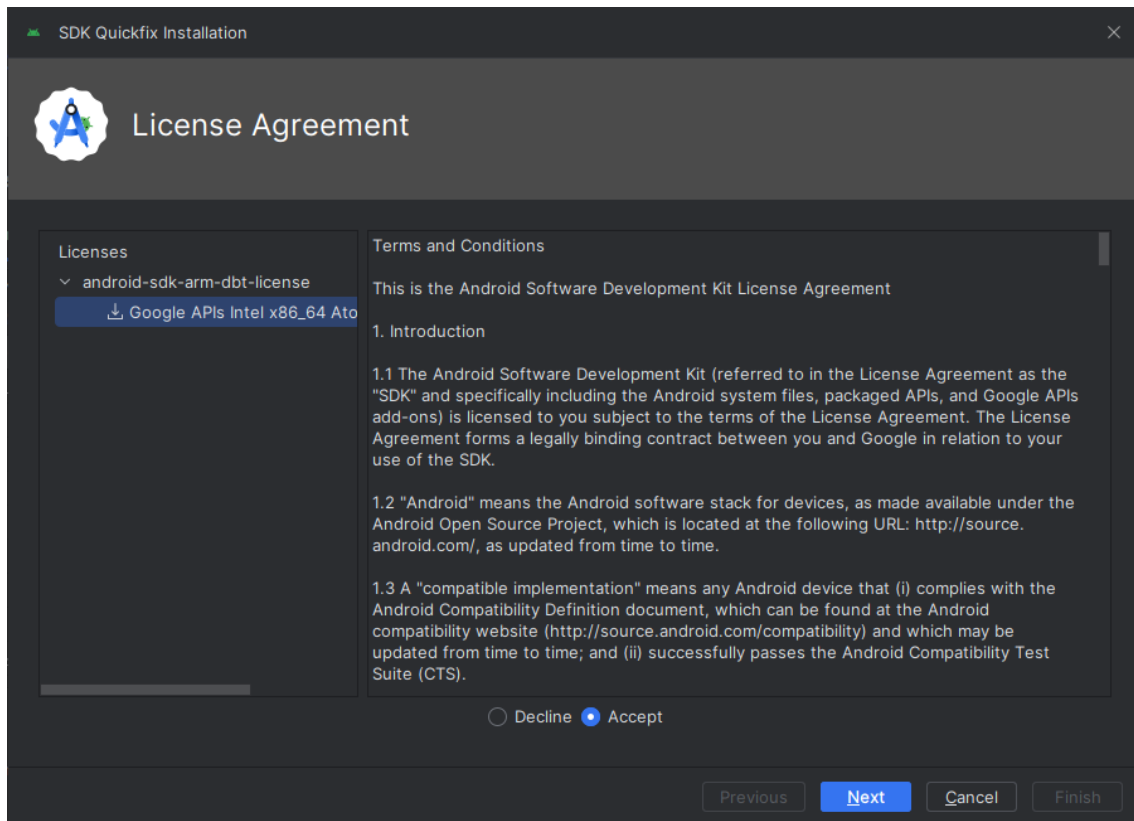
Questions on API level?

See the [API level distribution chart](#).


A system image must be selected to continue.

PreviousNextCancelFinish

Aceite os termos e inicie o download




Virtual Device Configuration

 Android Virtual Device (AVD)

Verify Configuration


AVD Name

Pixel 5 API 34

 Pixel 5

6.0 1080x2340 440dpi


Change...


 UpsideDownCake

Android 14.0 x86_64

Change...

Startup orientation

 Portrait

 Landscape

Emulated Performance

Graphics: Automatic

Device Frame

☒ Enable device frame

Show Advanced Settings

AVD Name

The name of this AVD.

?


Previous



Next

Cancel

Finish

Device Manager

 +

Name	API	Type	
<div> Pixel 5 API 34</div> <div>Android 14.0 ("UpsideDownCake") x86_64</div>	34	Virtual	 ⋮

Para executar a aplicação em um celular Android siga abaixo:

Como ativar o modo desenvolvedor no celular:

<https://developer.android.com/studio/debug/dev-options?hl=pt-br>

Depois de ativado, veja como rodar o aplicativo no celular:

<https://developer.android.com/studio/run/device?hl=pt-br#developer-device-options>

EXPO:

<https://docs.expo.dev/get-started/installation/>

Para criar uma nova aplicação:

Execute no prompt de comando:

npx create-expo-app --template

```
C:\AulaFTT\_Mobile>npx create-expo-app --template
? Choose a template: » - Use arrow-keys. Return to submit.
> Blank - a minimal app as clean as an empty canvas
  Blank (TypeScript)
  Navigation (TypeScript)
  Blank (Bare)
```

Escolha o nome da aplicação (será criada uma pasta de mesmo nome). No exemplo abaixo foi digitado calc -2024-s1

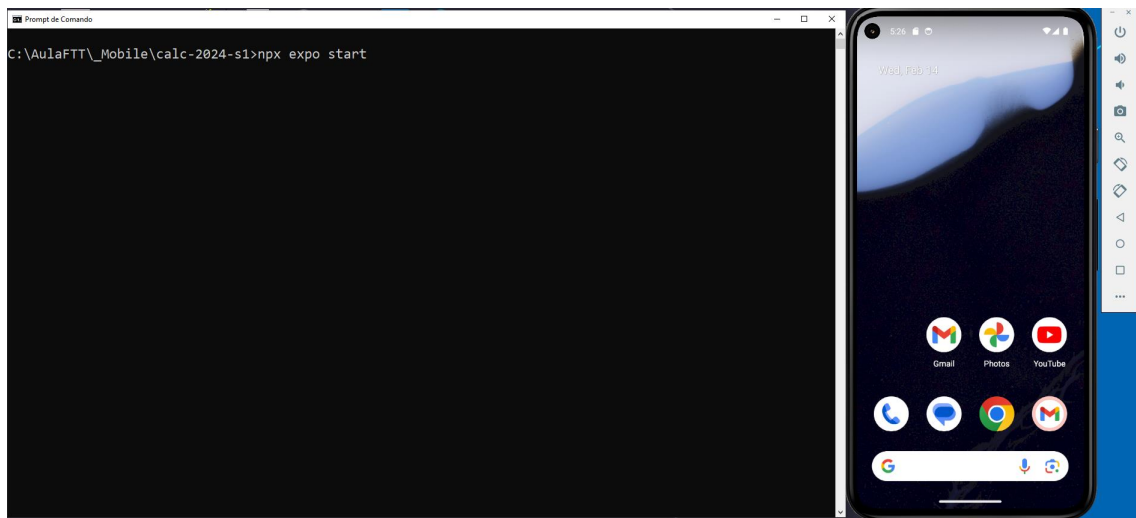
```
C:\AulaFTT\_Mobile>npx create-expo-app --template
✓ Choose a template: » Blank
? What is your app named? » calc-2024-s1
```

Acesse a pasta:

```
cd calc-2024-s1
```

Com o emulador aberto, digite:

npx expo start



Pressione “a” para abrir no emulador (Celular físico ou emulador)

```
> Metro waiting on exp://192.168.1.10:8081
> Scan the QR code above with Expo Go (Android) or the Camera app (iOS)

> Using Expo Go
> Press s | switch to development build

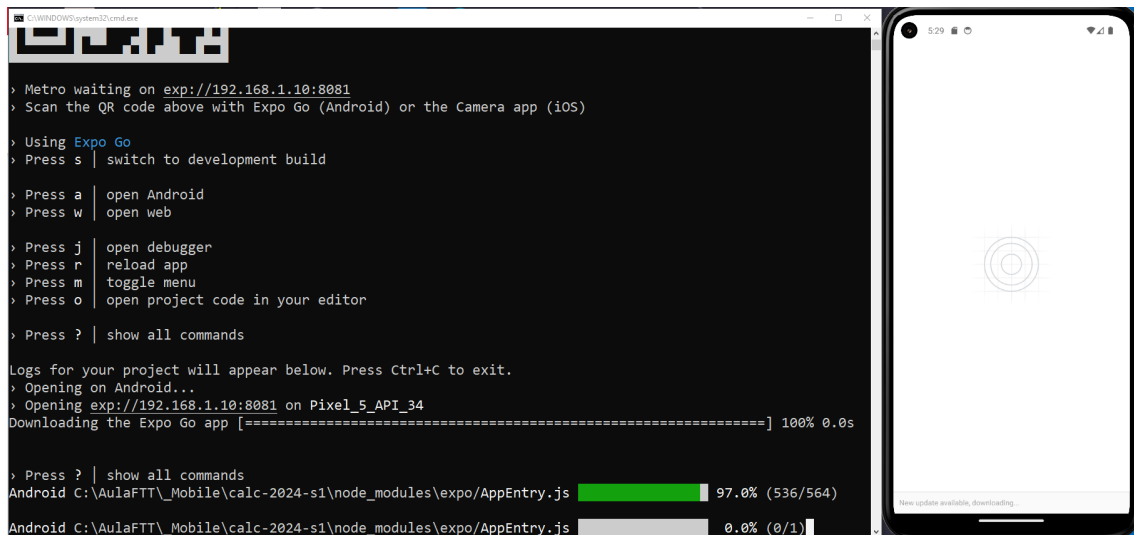
> Press a | open Android
> Press w | open web

> Press j | open debugger
> Press r | reload app
> Press m | toggle menu
> Press o | open project code in your editor

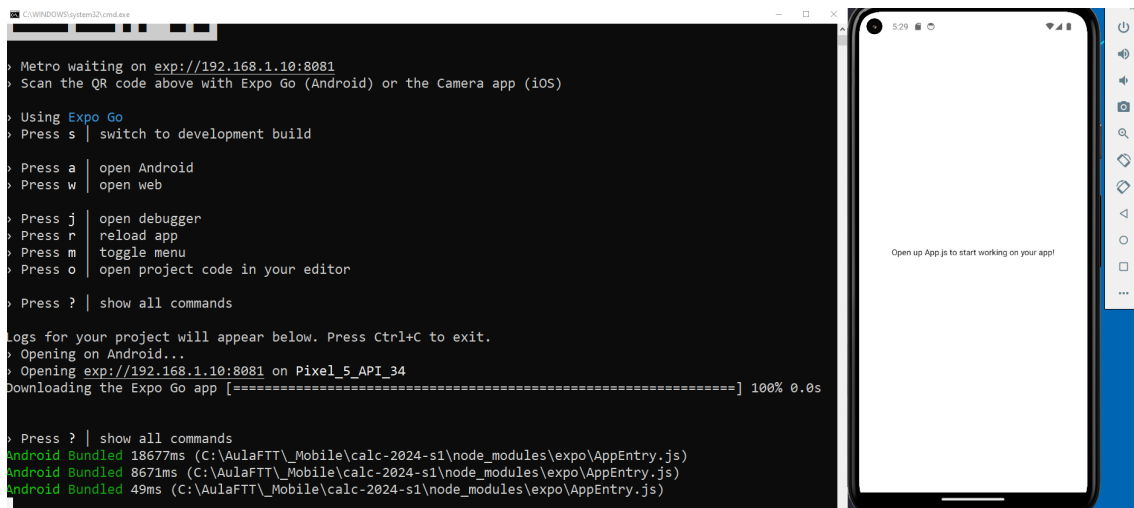
> Press ? | show all commands
```

O download do Expo será feito no dispositivo caso ainda não tenha sido feito:

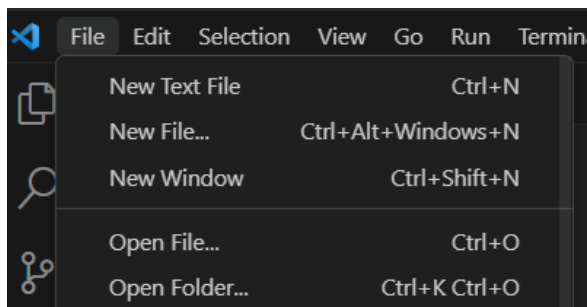
```
Logs for your project will appear below. Press Ctrl+C to exit.
> Opening on Android...
> Opening exp://192.168.1.10:8081 on Pixel_5_API_34
Downloading the Expo Go app [=====] 33% 20.4s
```



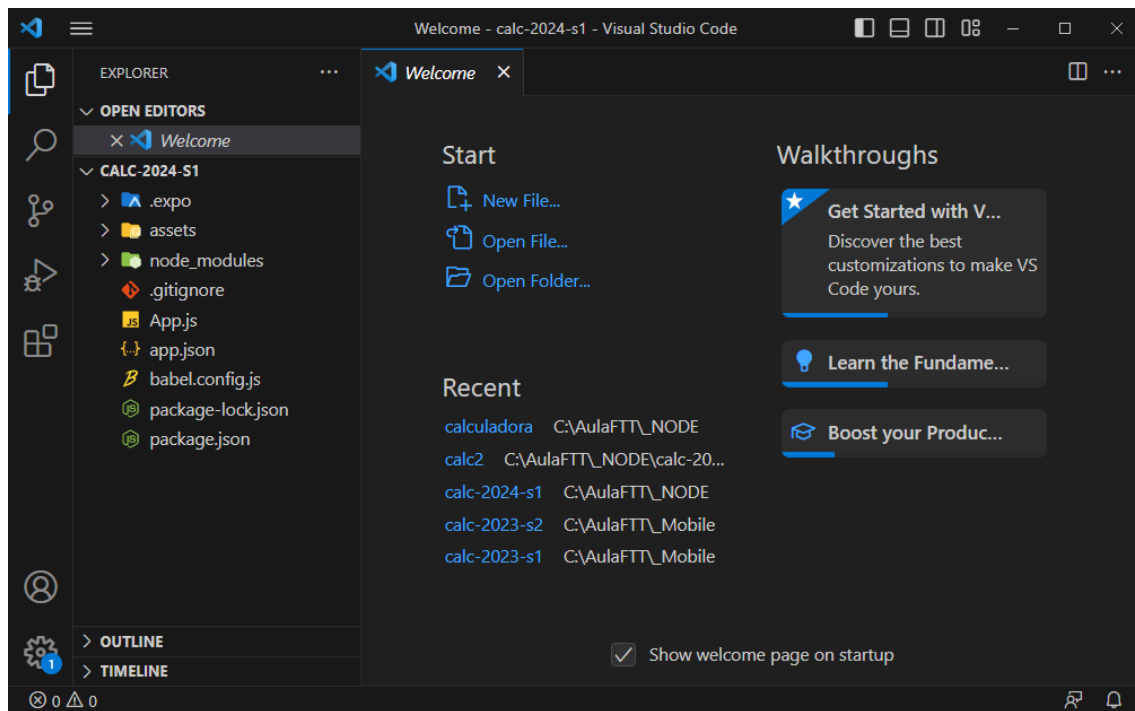
Pronto para iniciar o desenvolvimento!



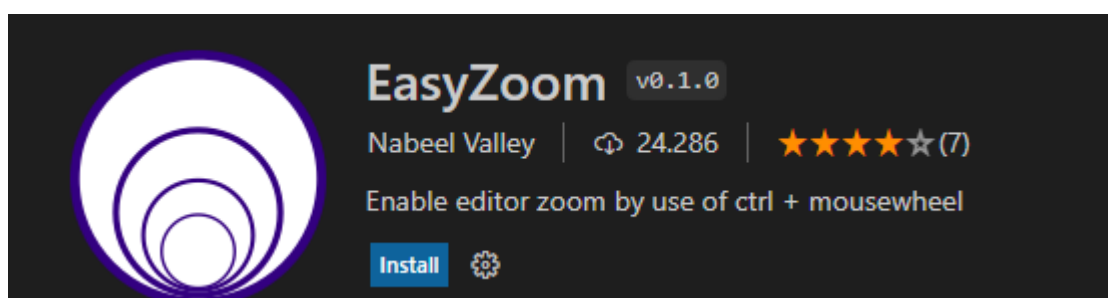
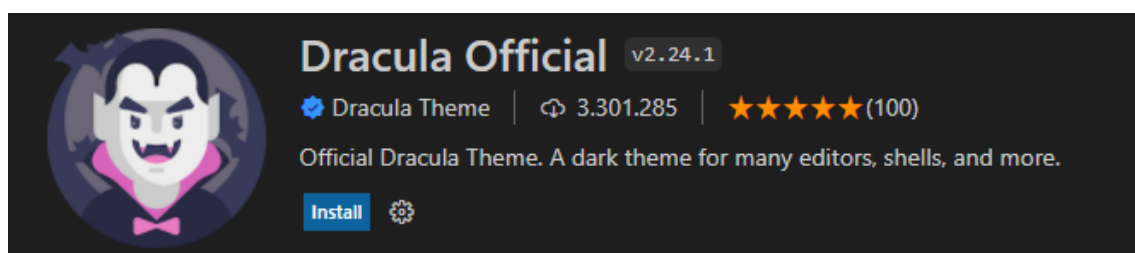
Agora abra o Visual Studio Code e selecione "Open Folder":

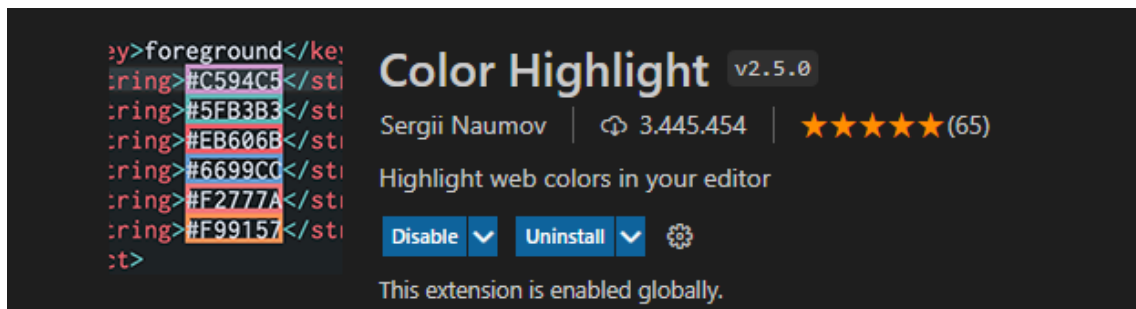
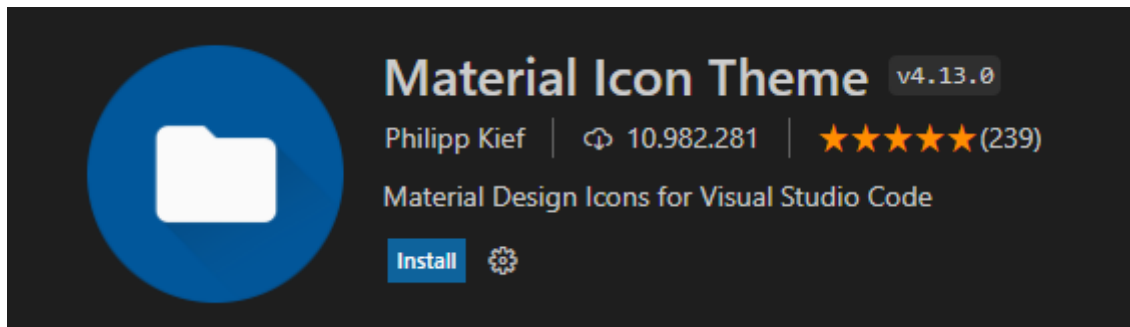


Escolha a pasta criada quando criou o projeto:



Configuração do VS Code - Extensões





Cursos na Udemy 🍷

Um pouco datado, porém muito didático. Pena que alguns exemplos precisam ser ajustados pois algumas coisas já mudaram.

- **Projeto Completo: XD, NodeJs, MongoDB, React Native e React**

<https://www.udemy.com/course/projeto-completo-xd-nodejs-mongodb-react-native-e-react/?couponCode=ACCAGE0923>

- **React Native: Desenvolva APPs Nativas para Android e iOS**

<https://fsalvadorarena.udemy.com/course/curso-react-native/>

- **React Native Criando aplicativos do zero ao avançado**

<https://fsalvadorarena.udemy.com/course/crusoreactnative/>