

# Componentes

```
App.js > ...
4 //propriedades são somente de leitura
5
6 function Produto(props) {
7   const imagem = 'https://http2.mlstatic.com/D_NQ_NP_703370-MLB31206225703_062019-0.jpg'
8   return (
9     //COMENTAR FORA DO COMPONENTE
10    <View /*VOCÊ PODE COMENTAR AQUI*/ >
11      <Image
12        source={{ uri: imagem }}
13        style={{ width: props.largura, height: props.altura }} />
14      { /*PODEMOS COMENTAR ASSIM TAMBÉM*/ }
15      <Text> {props.preco} </Text>
16      <Text> {props.descricao} </Text>
17    </View>
18  );
19 }
20
21 export default function App() {
22   return (
23     <View>
24       <Produto largura={50} altura={50} preco={500} descricao="Adesivo Umbrella Corporation" />
25       <Produto largura={100} altura={100} preco={600} descricao="Adesivo Umbrella Corporation 2" />
26     </View>
27   );
28 };
29
30
31
```

<https://github.com/halleygondim/react-native/blob/main/Componentes/App.js>

# Grupos de Estilo

```
1 import React, { Component } from 'react';
2 import { View, Text, StyleSheet } from 'react-native';
3
4 function App (){
5
6   return(
7     <View style={styles.area} >
8       <Text style={styles.textoPrincipal}>Texto 1</Text>
9       <Text style={[ styles.textoPrincipal, styles.alinhaTexto ]}>Texto 2</Text>
10      <Text style={styles.alinhaTexto}>Texto 3</Text>
11      <Text style={{color:'#7FFF00'}}>Texto 4</Text>
12    </View>
13  );
14 }
15
```

```
16 const styles = StyleSheet.create({
17   area:{
18     marginTop: 10,
19     marginLeft:10
20   },
21   textoPrincipal:{
22     marginTop:25,
23     fontSize: 25,
24     color: '#48D1CC'
25   },
26   alinhaTexto:{
27     textAlign: 'center'
28   }
29 });
30
31 export default App;
```

## **UIKit (Componentes bonitinhos!) (Vantagens/Desvantagens)**

<https://docs.nativebase.io>

<https://styled-components.com>

<https://reactnativeelements.com>

### **Responsividade**

<https://www.npmjs.com/package/react-native-responsive-fontsize>

# Dimensionamento

```
1  import React, { Component } from 'react';
2  import { View, Text } from 'react-native';
3
4  function App(){
5    return(
6      <View style={{flex:1, backgroundColor: '#D2691E'}}>
7        <View style={{height: 65, backgroundColor: '#DC143C'}}></View>
8        <View style={{flex:1, backgroundColor: '#FFFF00'}}></View>
9        <View style={{flex:1, backgroundColor: '#F0FFFF'}}></View>
10     </View>
11   );
12 }
13 export default App;
```

[https://github.com/halleygondim/react-native/blob/main/Orienta%C3%A7%C3%A3o%20de%20Componentes%20\(Flex%2C%20FlexDirection\)/App.js](https://github.com/halleygondim/react-native/blob/main/Orienta%C3%A7%C3%A3o%20de%20Componentes%20(Flex%2C%20FlexDirection)/App.js)

## This is flexbox realm

`flexDirection`

`justifyContent`

`alignItems`

`alignSelf`

**`flex`**

`alignContent`

`flexBasis`

`flexGrow`

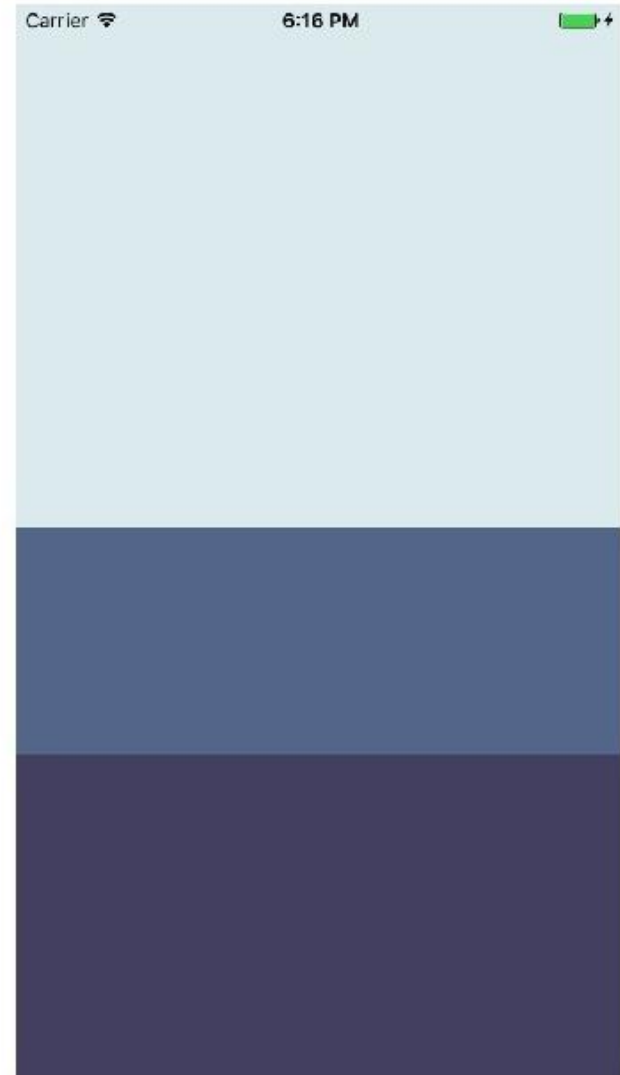
`flexShrink`

`flexWrap`

**flex: 5**

**flex: 2**

**flex: 3**

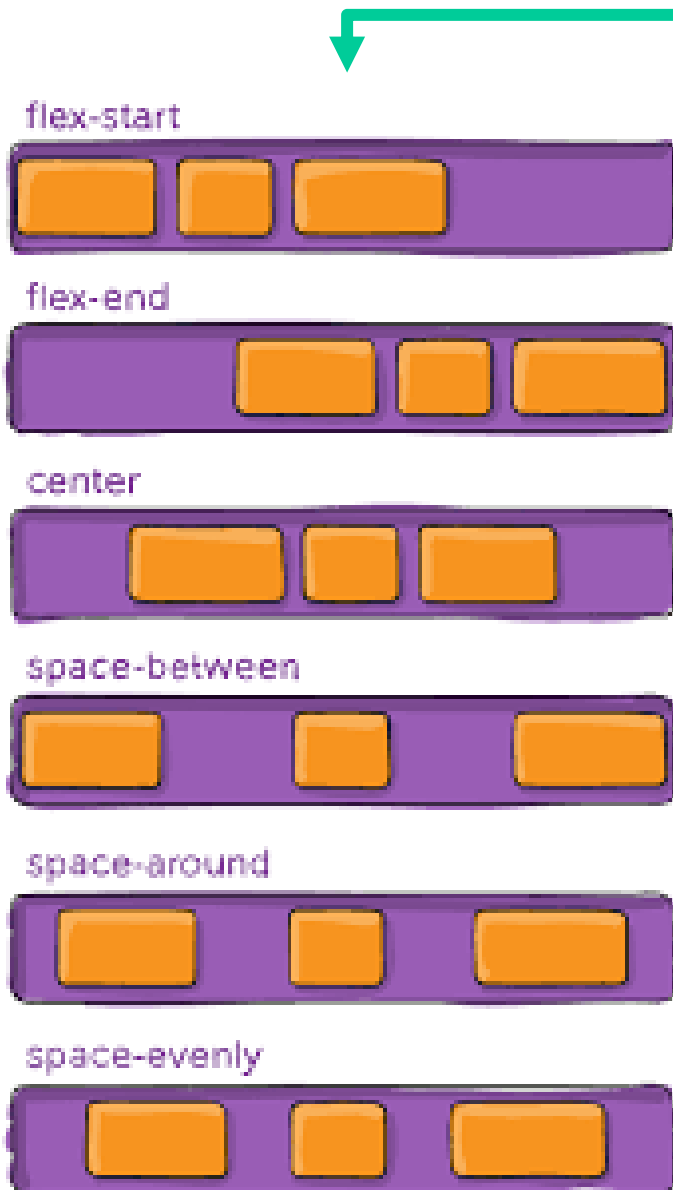


# Orientação de Componentes

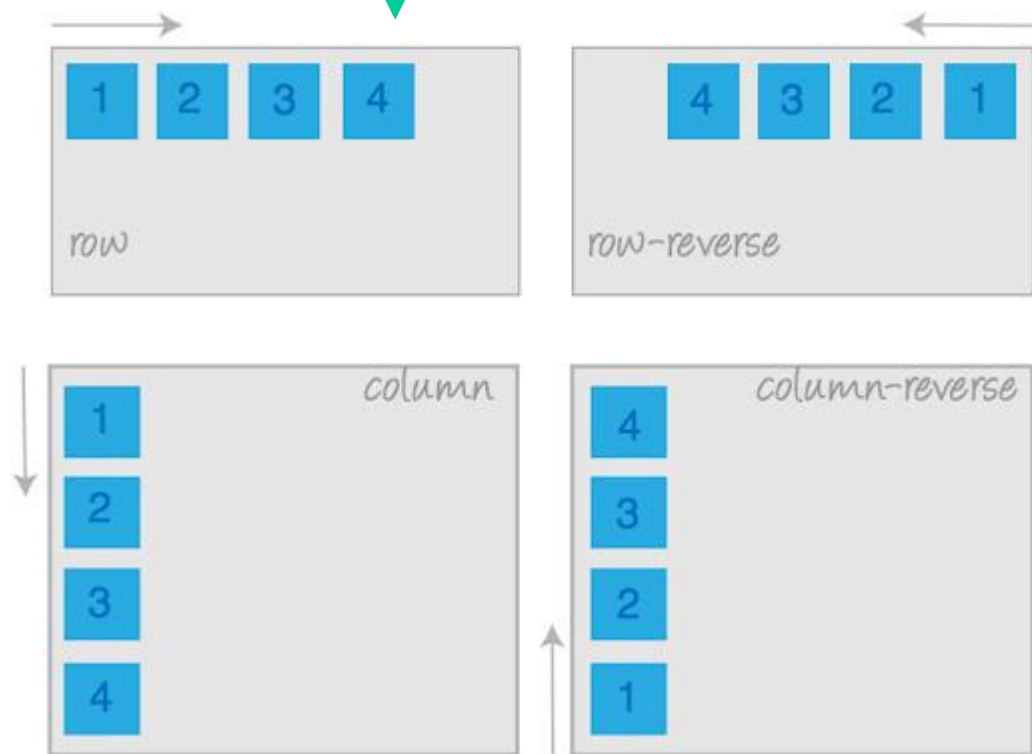
```
1  import React, { Component } from 'react';
2  import { View, Text } from 'react-native';
3
4  function App(){
5    return(
6      <View style={{flex:1, flexDirection:'row', justifyContent:'center'}}>
7        <View style={{height: 65, width: 65, backgroundColor: '#DC143C'}}></View>
8        <View style={{height: 65, width: 65, backgroundColor: '#FFFF00'}}></View>
9        <View style={{height: 65, width: 65, backgroundColor: '#B0E0E6'}}></View>
10     </View>
11   );
12 }
13 export default App;
14
```

[https://github.com/halleygondim/react-native/blob/main/Orienta%C3%A7%C3%A3o%20de%20Componentes%20\(Flex%2C%20FlexDirection\)/App.js](https://github.com/halleygondim/react-native/blob/main/Orienta%C3%A7%C3%A3o%20de%20Componentes%20(Flex%2C%20FlexDirection)/App.js)

# Orientação de Componentes



```
return(  
  <View style={{flex:1, flexDirection:'row', justifyContent:'center'}}>  
    <View style={{height: 60, width: 65, backgroundColor:'red'}} />  
  </View>  
)
```

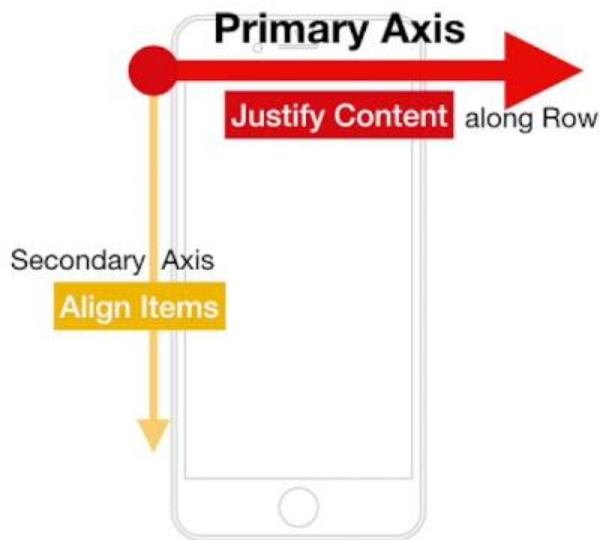


Flex-Direction

# Orientação de Componentes

Flex Direction

## Row



We are using this

Flex Direction

## Column





# Orientação de Componentes

## This is flexbox realm

flexDirection  
justifyContent  
alignItems  
alignSelf  
flex  
alignContent  
flexBasis  
flexGrow  
flexShrink  
flexWrap

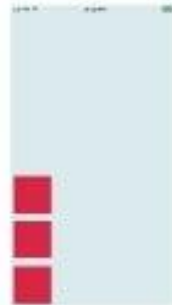
flexDirection: 'column'

'flex-start'

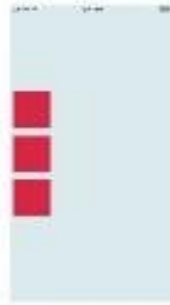
(Default)



'flex-end'



'center'



'space-around'



'space-between'



flexDirection: 'row'

'flex-start'

(Default)



'flex-end'



'center'



'space-around'



'space-between'

