

**Version: 3.x**

# createAnimatedComponent

`createAnimatedComponent` lets you create an Animated version of any React Native component. Wrapping a component with `createAnimatedComponent` allows Reanimated to animate any prop or style associated with that component.

Reanimated comes with five built-in Animated components:

- `Animated.FlatList`
- `Animated.Image`
- `Animated.View`
- `Animated.Scrollview`
- `Animated.Text`

Rest of the components you might want to animate in React Native have to be wrapped with a `createAnimatedComponent` function.

## Reference

```
import Animated from 'react-native-reanimated';
import { TextInput } from 'react-native';

const AnimatedTextInput = Animated.createAnimatedComponent(TextInput);
```

▼ Type definitions

## Arguments

`component`

The component you want to make animatable. Function components have to be wrapped with `React.forwardRef()`.

## Returns

`createAnimatedComponent` returns a component that Reanimated is capable of animating.

## Example

Preview Code



```
import React from 'react';
import { StyleSheet, View, Button } from 'react-native';
import Animated, { useSharedValue, withSpring } from 'react-native-reanimated';

const MyView = React.forwardRef((props, ref) => {
  // some additional logic
  return <View ref={ref} {...props} />;
});

const MyAnimatedView = Animated.createAnimatedComponent(MyView);

export default function App() {
  const width = useSharedValue(100);
```

## Platform compatibility

Android	iOS	Web
✓	✓	✓

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