

# Flutter IconButton Widget Tutorial

## Flutter IconButton Tutorial

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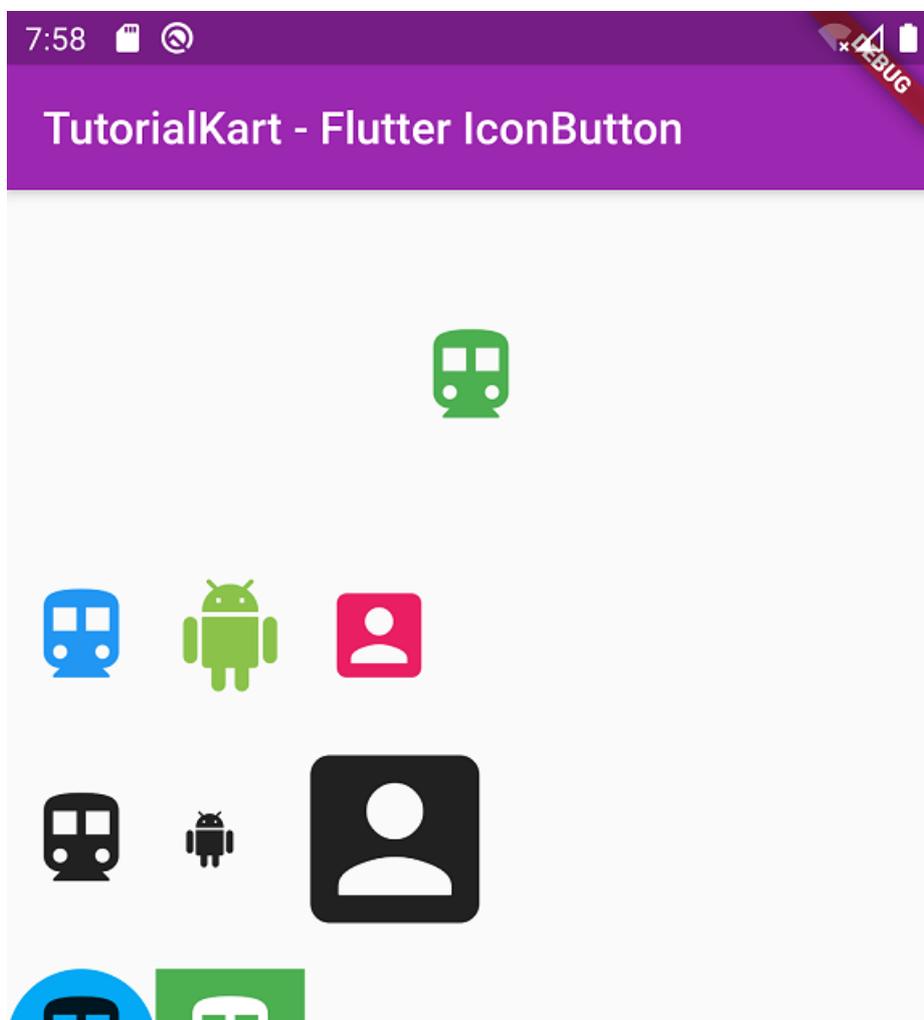
Flutter IconButton acts just like a button, but with an icon instead of an usual button.

You can execute a set of statements when the IconButton is pressed using `onPressed` property. Also, you get the animations like splash when you click this IconButton, just like a regular button.

If you do not specify `onPressed` property (not even null), the IconButton is displayed as disabled button.

You get a visual feedback of a click with a splash. Following video demonstrates the splash when we tap on the IconButton.

You can change many properties like size, color, background shape/color, etc. as shown in the following picture.





## Example – Basic IconButton Example

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Following is a simple example of IconButton.

**main.dart**

```
import 'package:flutter/material.dart';

void main() => runApp(MyApp());

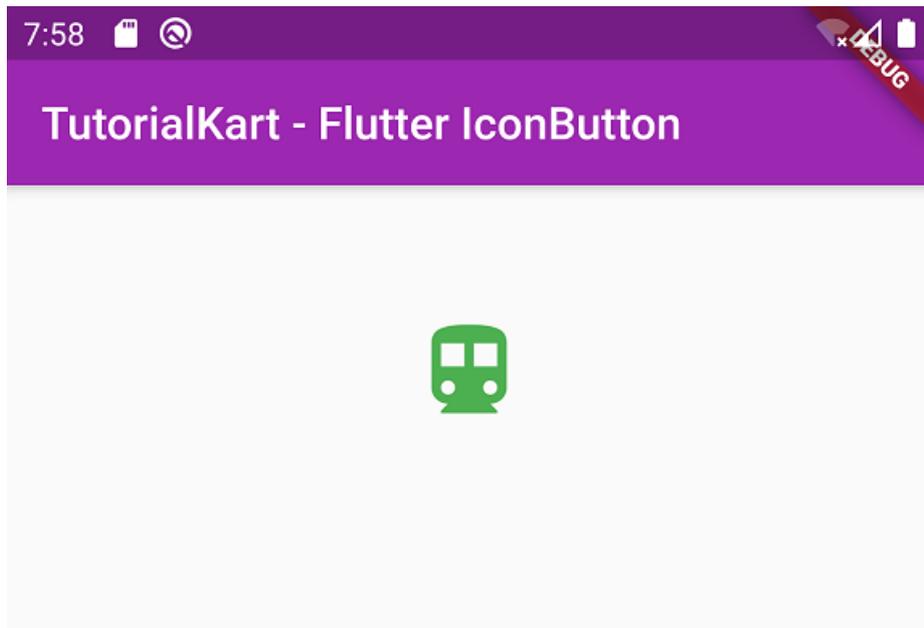
class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'TutorialKart - Flutter',
      theme: ThemeData(
        primarySwatch: Colors.purple,
      ),
      home: MyHomePage(),
    );
  }
}

class MyHomePage extends StatefulWidget {
  @override
  _MyHomePageState createState() => _MyHomePageState();
}

class _MyHomePageState extends State<MyHomePage> {
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text('TutorialKart - Flutter IconButton'),
      ),
      body: Column(children: <Widget>[
        Container(
          padding: EdgeInsets.all(50),
          alignment: Alignment.center,
          child: IconButton(
            icon: Icon(
              Icons.directions_transit,
            ),
            iconSize: 50,
            color: Colors.green,
            splashColor: Colors.purple,
            onPressed: () {},
          ),
        ),
      ]),
    );
  }
}
```

```
}  
}
```

## Output



## Change Color of IconButton Widget in Flutter

You can change color of IconButton using `color` property of IconButton class.

```
IconButton(  
  icon: Icon(  
    Icons.directions_transit,  
  ),  
  color: Colors.green,  
  onPressed: () {},  
),
```

## Change Size of IconButton Widget in Flutter

You can change the size of IconButton widget, by assigning a specific double value to `iconSize` property as shown below.

```
IconButton(  
  icon: Icon(  
    Icons.directions_transit,  
  ),  
  iconSize: 50,  
  onPressed: () {},  
),
```

**Note:** Do not change the size in Icon() class. This effects the center of splash and is not recommended.

## Change Background of IconButton

You can change the background of IconButton by wrapping it around Ink widget as shown below.

```
Ink(
  decoration: const ShapeDecoration(
    color: Colors.lightBlue,
    shape: CircleBorder(),
  ),
  child: IconButton(
    icon: Icon(
      Icons.directions_transit,
    ),
    iconSize: 50,
    onPressed: () {},
  )),
```

## Change Splash Color of IconButton

Splash color is the color that appears like an animated splash when you click the IconButton. You can change the splash color by assigning a Color to splashColor property of IconButton as shown below.

```
IconButton(
  icon: Icon(
    Icons.directions_transit,
  ),
  splashColor: Colors.purple,
  onPressed: () {},
),
```

## IconButton onPressed

When you click on the IconButton, you can execute a set of statements, by writing them in function of `onPressed` property as shown below.

```
IconButton(
  icon: Icon(
    Icons.directions_transit,
  ),
  onPressed: () {
    //statements
    print('IconButton is pressed');
  },
),
```

## Complete Code in GitHub

You can get the complete code of the Flutter Application used in the above examples at the following link.

[https://github.com/tutorialkart/flutter/tree/master/flutter\\_iconbutton\\_tutorial](https://github.com/tutorialkart/flutter/tree/master/flutter_iconbutton_tutorial).

## Conclusion

In this [Flutter Tutorial](#), we learned about Icon widget and its usage with examples for different scenarios.

### Flutter Tutorial

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- ◆ [Flutter - Install on Linux - Ubuntu](#)
- ◆ [Flutter - Basic Application Example](#)

### Flutter Widgets

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### Flutter Animation

- ◆ [Flutter Animation Basic Example](#)
- ◆ [Flutter Animate Color](#)

### Flutter Packages

- ◆ [Flutter sqflite - SQLite Tutorial](#)

## Flutter Examples

- ◆ [Flutter Login Screen Sample](#)