# Flutter Drawer Guide

## Basic Usage

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


class MyHomePage extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(title: Text("Drawer Example")),
      drawer: Drawer(
        child: ListView(
          padding: EdgeInsets.zero,
          children: [
            DrawerHeader(
              decoration: BoxDecoration(color: Colors.blue),
                child: Text("Header", style: TextStyle(color: Colors.white, fontSize: 24)),
            ),
            ListTile(
              leading: Icon(Icons.home),
              title: Text("Home"),
              onTap: () {},
            ),
            ListTile(
              leading: Icon(Icons.settings),
              title: Text("Settings"),
              onTap: () {},
            ),
          ],
        ),
      ),
      body: Center(child: Text("Drawer Example")),
```

```
    );
  }
}
```

## Common Drawer Attributes

**- child**

Defines the widget tree inside the Drawer.

Example: ListView(...)

**- backgroundColor**

Sets the background color of the Drawer.

Example: Colors.white

**- elevation**

Sets the shadow depth of the Drawer.

Example: 16.0

**- shape**

Defines the shape of the Drawer.

Example: RoundedRectangleBorder(...)

**- semanticLabel**

Accessibility label for screen readers.

Example: "Navigation Menu"

**- width**

Specifies a custom width for the Drawer.

Example: 300.0

## Example: Custom Drawer

```
Drawer(

  backgroundColor: Colors.grey[200],

  elevation: 20.0,

  shape: RoundedRectangleBorder(

        borderRadius: BorderRadius.only(topRight: Radius.circular(30), bottomRight:
Radius.circular(30))
```

```
        ),
    child: ListView(
      padding: EdgeInsets.zero,
      children: [
        DrawerHeader(
          decoration: BoxDecoration(color: Colors.teal),
          child: Text("My Drawer", style: TextStyle(color: Colors.white, fontSize: 24)),
        ),
        ListTile(
          leading: Icon(Icons.dashboard),
          title: Text("Dashboard"),
          onTap: () {},
        ),
        ListTile(
          leading: Icon(Icons.logout),
          title: Text("Logout"),
          onTap: () {},
        ),
      ],
    ),
)
```

## Best Practices

1. Keep navigation options minimal for better usability.

2. Use a meaningful DrawerHeader with user profile or branding.

3. Implement icons and labels for better navigation experience.

4. Ensure the Drawer is accessible and provides meaningful labels.