



40 Widgets Pada Flutter

by ZAKI MUSTHAFABILLAH | write with 'Nation'

author : @ZAKI MUSHTHAFABILLAH

Blogs : <https://technovagroupinc.com/Blog>

1. Text (Menampilkan teks)

```
Text('Hello, Flutter!', style: TextStyle(fontSize: 20, fontWeight: FontWeight.bold))
```

2. Image (Menampilkan gambar)

```
Image.network('https://example.com/image.jpg')
```

3. Icon (Menampilkan ikon)

```
Icon(Icons.star, color: Colors.yellow, size: 50)
```

4. Container (Kotak serbaguna)

```
Container(width: 100, height: 100, color: Colors.blue)
```

5. Column (Layout vertikal)

```
Column(children: [Text('A'), Text('B'), Text('C')])
```

6. Row (Layout horizontal)

```
Row(children: [Text('X'), Text('Y'), Text('Z')])
```

7. Stack (Menumpuk widget)

```
Stack(children: [Text('Behind'), Positioned(top: 20, child: Text('Front'))])
```

8. Padding (Memberikan jarak)

```
Padding(padding: EdgeInsets.all(10), child: Text('Hello'))
```

9. Expanded (Mengisi ruang yang tersedia)

```
Expanded(child: Container(color: Colors.red))
```

10. ElevatedButton (Tombol dengan efek elevasi)

```
ElevatedButton(onPressed: () {}, child: Text('Click Me'))
```

11. TextButton (Tombol tanpa efek bayangan)

```
TextButton(onPressed: () {}, child: Text('Click Me'))
```

12. OutlinedButton (Tombol dengan border)

```
OutlinedButton(onPressed: () {}, child: Text('Click Me'))
```

13. IconButton (Tombol dengan ikon)

```
IconButton(icon: Icon(Icons.thumb_up), onPressed: () {})
```

14. GestureDetector (Menangkap gesture)

```
GestureDetector(onTap: () => print('Tapped!'), child: Text('Tap Me'))
```

15. Switch (Tombol on/off)

```
Switch(value: true, onChanged: (val) {})
```

16. Slider (Memilih nilai dalam rentang)

```
Slider(value: 0.5, onChanged: (val) {})
```

17. Checkbox (Kotak centang)

```
Checkbox(value: true, onChanged: (val) {})
```

18. Radio (Tombol radio)

```
Radio(value: 1, groupValue: 1, onChanged: (val) {})
```

19. TextField (Input teks)

```
TextField(decoration: InputDecoration(labelText: 'Enter text'))
```

20. DropdownButton (Dropdown pilihan)

```
DropDownButton(items: [DropDownMenuItem(child: Text('Option 1'))], onChanged: (val) {})
```

21. AppBar (Bagian atas aplikasi)

```
AppBar(title: Text('My App'))
```

22. Scaffold (Struktur dasar aplikasi)

```
Scaffold(appBar: AppBar(title: Text('Home')), body: Center(child: Text('Hello')))
```

23. BottomNavigationBar (Navigasi bawah)

```
BottomNavigationBar(items: [BottomNavigationBarItem(icon: Icon(Icons.home), label: 'Home')])
```

24. Drawer (Menu samping)

```
Drawer(child: ListView(children: [ListTile(title: Text('Menu 1'))]))
```

25. TabBar (Navigasi tab)

```
TabBar(tabs: [Tab(text: 'Tab 1'), Tab(text: 'Tab 2')])
```

26. TabBarView (Konten dari TabBar)

```
TabBarView(children: [Text('Content 1'), Text('Content 2')])
```

27. ListView (Daftar vertikal)

```
ListView(children: [Text('Item 1'), Text('Item 2')])
```

28. GridView (Tampilan grid)

```
GridView.count(crossAxisCount: 2, children: [Text('Grid 1'), Text('Grid 2')])
```

29. PageView (Halaman geser)

```
PageView(children: [Text('Page 1'), Text('Page 2')])
```

30. AnimatedContainer (Animasi perubahan ukuran)

```
AnimatedContainer(duration: Duration(seconds: 1), width: 100, height: 100, color: Colors.blue)
```

31. Hero (Efek transisi antara halaman)

```
Hero(tag: 'imageTag', child: Image.network('https://example.com/image.jpg'))
```

32. Opacity (Mengatur transparansi)

```
Opacity(opacity: 0.5, child: Text('Half Transparent'))
```

33. Transform (Memutar, memperbesar, menggeser widget)

```
Transform.rotate(angle: 0.5, child: Text('Rotated'))
```

34. Card (Widget berbentuk kartu)

```
Card(child: Padding(padding: EdgeInsets.all(10), child: Text('This is a card')))
```

35. Chip (Label kecil)

```
Chip(label: Text('Chip Label'))
```

36. FutureBuilder (Menampilkan data asynchronous)

```
FutureBuilder(future: Future.delayed(Duration(seconds: 2), () ⇒ 'Hello'), builder: (context, snapshot) {  
  return Text(snapshot.data ?? 'Loading...');  
})
```

37. StreamBuilder (Menampilkan data dari stream)

```
StreamBuilder(stream: Stream.periodic(Duration(seconds: 1), (i) ⇒ i), builder: (context, snapshot) {  
  return Text(snapshot.data?.toString() ?? 'Waiting...');  
})
```

38. CustomPaint (Menggambar elemen kustom)

```
CustomPaint(painter: MyPainter())
```

```
class MyPainter extends CustomPainter {  
  @override  
  void paint(Canvas canvas, Size size) {  
    Paint paint = Paint()..color = Colors.blue;  
    canvas.drawCircle(Offset(50, 50), 40, paint);  
  }  
  
  @override  
  bool shouldRepaint(CustomPainter oldDelegate) ⇒ false;  
}
```

39. ClipRRect (Memberikan border radius pada widget)

```
ClipRRect(borderRadius: BorderRadius.circular(10), child: Image.network('https://example.com/image.jpg'))
```

40. Wrap (Menampilkan widget dalam baris/kolom otomatis)

```
Wrap(children: [Chip(label: Text('Item 1')), Chip(label: Text('Item 2'))])
```