

## Flutter Widgets Toolkit (Clean Aligned Table)

Index	Widget name	Type	Main properties	Event	Description	Basic syntax	Figure idea	img
1	AlertDialog	Stateful	title, content, actions	onPressed	Displays a popup dialog with message and actions.	AlertDialog(title: Text('Alert'), content: Text('Message'), actions:[TextButton(onPressed:(){},child:Text('OK'))])	Popup box	Dialog icon
2	AppBar	Stateless	title, backgroundColor, actions	-	Top bar with title and actions.	AppBar(title: Text('Title'))	Rectangle header	AppBar icon
3	Align	Stateless	alignment, child	-	Aligns child within itself.	Align(alignment: Alignment.center, child: Text('Hi'))	Centered dot	Align icon
4	BottomNavigationBar	Stateful	items, currentIndex, onTap	onTap	Navigation bar at bottom with multiple items.	BottomNavigationBar(items:[...], currentIndex:0, onTap:(i){} )	Bottom bar	Navigation icon
5	ButtonBar	Stateless	alignment, children	-	Horizontal arrangement of buttons.	ButtonBar(children:[TextButton(...), ElevatedButton(...)])	Button row	Buttons icon
6	Card	Stateless	child, color, elevation	-	Material card with shadow.	Card(child: Text('Hello'))	Rectangle with shadow	Card icon
7	Center	Stateless	child	-	Centers child widget.	Center(child: Text('Centered'))	Dot centered	Center icon
8	Checkbox	Stateful	value, onChanged, activeColor	onChanged	Toggle between true or false.	Checkbox(value:true, onChanged:(v){} )	Square check	Checkbox icon
9	CircleAvatar	Stateless	radius, backgroundImage, child	-	Circular image or icon.	CircleAvatar(radius:30, backgroundImage: AssetImage('img.png'))	Circle photo	Avatar icon
10	Column	Stateless	children, mainAxisAlignment	-	Arranges widgets vertically.	Column(children:[Widget1(),Widget2()])	Vertical boxes	Column icon
11	Container	Stateless	width, height, color, padding, margin	-	Box container for layout and styling.	Container(width:100, height:100,color:Colors.red)	Colored box	Container icon
12	Date Pickers	Stateful	initialDate, firstDate, lastDate	onDateChanged	Select date using date picker dialog.	showDatePicker(context:context,...)	Calendar icon	Calendar image
13	Time Pickers	Stateful	initialTime	onTimeChanged	Select time using time picker dialog.	showTimePicker(context:context,...)	Clock icon	Clock image
14	Divider	Stateless	color, thickness, height	-	Horizontal separator line.	Divider(color: Colors.grey, thickness:1)	Line	Divider icon
15	DropdownButton	Stateful	value, items, onChanged	onChanged	Dropdown list of selectable items.	DropdownButton(value:'A',items:[...],onChanged:(v){} )	Dropdown arrow	Dropdown icon
16	ElevatedButton (replaces RaisedButton)	Stateful	onPressed, child, style	onPressed	Button with elevation.	ElevatedButton(onPressed:(){},child:Text('Click'))	Raised button	Button icon
17	Fitted box	Stateless	fit, alignment, child	-	Scales child to fit its parent.	FittedBox(child:Text('Hello'))	Fitting box	Fit icon

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18	FloatingActionButton	Stateful	onPressed, child, backgroundColor	onPressed	Circular button for main actions.	FloatingActionButton(onPressed:(){},child:Icon(Icons.add))	Circle button	FAB icon
19	GridView	Stateful	children, gridDelegate	-	Scrollable grid layout.	GridView.count(crossAxisCount:2,children:[...])	Grid boxes	Grid icon
20	Icon	Stateless	icon, size, color	-	Displays an icon symbol.	Icon(Icons.home,size:24)	Small icon	Icon symbol
21	IconButton	Stateful	icon, onPressed	onPressed	Clickable icon button.	IconButton(icon:Icon(Icons.add),onPressed:(){} )	Clickable icon	Icon button
22	Image	Stateless	image, width, height, fit	-	Displays image from assets.	Image.asset('assets/pic.png')	Picture	Image icon
23	ImageNetwork	Stateless	image, width, height, fit	-	Displays image from network.	Image.network('https://example.com')	Globe picture	Network image
24	InkWell	Stateful	onTap, onLongPress, child	onTap	Detects taps with ripple effect.	InkWell(onTap:(){},child:Text('Tap'))	Ripple box	InkWell icon
25	Intrinsic height	Stateless	child	-	Gives child its intrinsic height.	IntrinsicHeight(child:Row(children:[...]))	Height box	Intrinsic icon
26	ListTile	Stateless	title, subtitle, leading, trailing	onTap	Standard list item layout.	ListTile(title:Text('Item'))	List item	List icon
27	ListView	Stateful	children, scrollDirection, padding	-	Scrollable list of widgets.	ListView(children:[...])	Vertical list	List icon
28	ListViewBuilder	Stateful	itemCount, itemBuilder	-	Dynamic list builder.	ListView.builder(itemCount:10,itemBuilder:(c,i)=>Text('Item \$i'))	Dynamic list	Builder icon
29	Limited box	Stateless	maxHeight, maxWidth, child	-	Limits child's size.	LimitedBox(maxWidth:100,maxHeight:50,child:Text('Hi'))	Limited box	Limit icon
30	MaterialApp	Stateless	home, theme	-	Root widget of app.	MaterialApp(home:Scaffold(...))	App structure	Material icon
31	OutlinedButton	Stateful	onPressed, child, style	onPressed	Button with outline border.	OutlinedButton(onPressed:(){},child:Text('Click'))	Outlined rectangle	Outlined icon
32	Padding	Stateless	padding, child	-	Adds space around child.	Padding(padding:EdgeInsets.all(8),child:Text('Hi'))	Inner box	Padding icon
33	PageView	Stateful	children, controller	onPageChanged	Swipeable page view.	PageView(children:[...])	Horizontal view	Page icon
34	Placeholder	Stateless	color, strokeWidth	-	Placeholder box for layout.	Placeholder()	Crossed box	Placeholder icon
35	PopupMenuButton	Stateful	itemBuilder, onSelected	onSelected	Popup menu for selecting items.	PopupMenuButton(itemBuilder:(ctx)=>[...])	Menu icon	Popup icon
36	Radio	Stateful	value, groupValue, onChanged	onChanged	Select one option from group.	Radio(value:1,groupValue:val,onChanged:(v){} )	Circle select	Radio icon
37	Row	Stateless	children, mainAxisAlignment	-	Arranges widgets horizontally.	Row(children:[...])	Horizontal boxes	Row icon
38	Scaffold	Stateless	appBar, body, floatingActionButton	-	Basic page layout.	Scaffold(appBar:AppBar(),body:Text('Hi'))	Full screen	Scaffold icon
39	SimpleDialog	Stateful	title, children	-	Dialog with list of options.	SimpleDialog(title:Text('Title'),children:[...])	Dialog list	Dialog icon

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40	Spacer	Stateless	flex	-	Creates flexible empty space.	Spacer(flex:1)	Empty bar	Spacer icon
41	SizedBox	Stateless	width, height, child	-	Creates fixed size box.	SizedBox(width:50,height:50)	Small box	SizedBox icon
42	Slider	Stateful	value, min, max, divisions	onChanged	Select a value from range.	Slider(value:0.5,min:0,max:1,onChanged:(v){} )	Slider bar	Slider icon
43	Stack	Stateful	children, alignment	-	Overlaps widgets on top of each other.	Stack(children:[...])	Overlapping boxes	Stack icon
44	Switch	Stateful	value, onChanged, activeColor	onChanged	Toggle between ON/OFF state.	Switch(value:true,onChanged:(v){} )	Switch bar	Switch icon
45	TabBar	Stateful	tabs, controller	-	Horizontal set of tabs.	TabBar(tabs:[...])	Tabs	Tab icon
46	TabBarView	Stateful	children, controller	onPageChanged	Swipe between tab contents.	TabBarView(children:[...])	Swiping tabs	Tabs view
47	Text	Stateless	text, style, textAlign	-	Displays a text string.	Text('Hello')	Text label	Text icon
48	TextButton (replaces FlatButton)	Stateful	onPressed, child, style	onPressed	Flat button with text.	TextButton(onPressed:(){},child:Text('Click'))	Flat text	TextButton icon
49	TextField	Stateful	controller, decoration, onChanged	onChanged	Input field for text.	TextField(controller:ctrl)	Input box	TextField icon
50	TextFormField	Stateful	controller, validator, decoration	onChanged	Text input field used in forms.	TextFormField(controller:ctrl,validator:(v){} )	Input with check	Form icon