

# Common Android Views



## TextView

Displays text

```
<TextView
    android:id="@+id/title_text_view"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@string/my_photos"
    android:textAppearance="?android:textAppearanceLarge"
    android:textColor="#4689C8"
    android:textStyle="bold" />
```

My Photos

## ImageView

Displays Image

```
<ImageView
    android:id="@+id/photo_image_view"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:scaleType="centerCrop"
    android:src="@drawable/beach" />
```



## Button

Button with text label

```
<Button
    android:id="@+id/next_button"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@string/next" />
```

NEXT

## View

Plain rectangle (can be used as a divider)

```
<View
    android:layout_width="match_parent"
    android:layout_height="100dp"
    android:background="#4E4B4F" />
```



## EditText

Text field that you can type into

```
<EditText
    android:id="@+id/album_description_view"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:hint="@string/album_description"
    android:inputType="textMultiLine" />
```

Album Description

## Spinner

Click on it to show a list of dropdown options

```
<Spinner
    android:id="@+id/sort_by_spinner"
    android:layout_width="match_parent"
    android:layout_height="wrap_content" />
```

Beach ▼

Beach

BBQ

Family dinner

Party

Create SpinnerAdapter in Java code to populate the options. [See more](#)

## Common Android Views



## CheckBox

Checkbox with text label

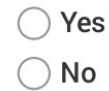
```
<CheckBox
    android:id="@+id/notify_me_checkbox"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@string/notify_me"
    android:textAppearance="?android:textAppearanceMedium" />
```



## RadioButton

Radio button (where you can select one out of a group of radio buttons)

```
<RadioGroup
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:orientation="vertical">
    <RadioButton
        android:id="@+id/yes_radio_button"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="@string/yes"
        android:textAppearance="?android:textAppearanceMedium" />
    <RadioButton
        android:id="@+id/no_radio_button"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="@string/no"
        android:textAppearance="?android:textAppearanceMedium" />
</RadioGroup>
```



## RatingBar

Star rating

```
<RatingBar
    android:id="@+id/rating_bar"
    style="?android:attr/ratingBarStyleSmall"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:numStars="5"
    android:rating="2.5"
    android:stepSize="0.5" />
```



## Switch

On / off switch that you can drag right or left (or just tap to toggle the state)

```
<Switch
    android:id="@+id/backup_photos_switch"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@string/auto_backup_photos"
    android:textAppearance="?android:textAppearanceSmall" />
```



## SeekBar

Displays progress and allows you to drag the handle anywhere in the bar (i.e. for music or video player)

```
<SeekBar
    android:id="@+id/seek_bar"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:max="100"
    android:progress="20" />
```



# Common Android Views



## SearchView

A search field that you can type a query into

```
<SearchView
    android:id="@+id/search_viewr"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:iconifiedByDefault="false"
    android:queryHint="@string/search_photos" />
```

Q Search Photos

## ProgressBar

Loading spinner

```
<ProgressBar
    android:id="@+id/loading_spinner"
    style="@style/Widget.AppCompat.ProgressBar"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content" />
```



## ProgressBar

Horizontal loading indicator

```
<ProgressBar
    android:id="@+id/progress_bar"
    style="@style/Widget.AppCompat.ProgressBar.Horizontal"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:indeterminate="false"
    android:max="100"
    android:progress="40" />
```



**Note:** This is based on an app with minimum SDK version of Ice Cream Sandwich (API 15), where the activity theme in res/styles.xml is defined as the following. You can define other theme colors like colorPrimary in your app, see this [guide](#).

```
<style name="AppTheme" parent="Theme.AppCompat.Light.DarkActionBar">
    <item name="colorAccent">#4689C8</item>
</style>
```

\*Code samples are licensed under the [Apache 2.0 License](#). All other content is licensed under the [Creative Commons Attribution 3.0 License](#).