

### **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</pre>

```
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 Desciption** 

# 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" />
```

Create SpinnerAdapter in Java code to populate the options. See more

Beach ▼

Beach

BBQ

Family dinner

Party



#### 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" />
Notify me
```

### 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"
                                                                                 Yes
        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

```
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

<RatingBar

```
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" />
```

Auto backup photos



### SeekBar

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" />
```





### **SearchView**

A search field that you can type

#### <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</pre>

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



## **ProgressBar**

Horizontal loading indicato

#### <ProgressBar</pre>

```
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.