

# Circle\_Image\_view

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- Go to **Gradle Scripts->build.gradle (Module: app)** section and import below dependencies and click the "**sync Now**" show at the top:
- dependencies {
- //adding circle image view
- implementation 'de.hdodenhof:circleimageview:3.1.0'
- }

# Step 1: Create a new Project

- Open Your Android Studio Click on "**Start a new Android Studio project**"
- Choose "**Empty Activity**" from the project template window and click **Next**
- Enter the **App Name**, **Package name**, **save location**, **language**(Java/Kotlin, we use **Java** for this tutorial ) and **minimum SDK**(we are using API 19: Android 4.4 (KitKat) )
- Next click on **Finish** button after filling the above details
- Now wait for the project to finish building.

## Step 2: Adding the CircleImageView dependency

- To show the **circular** image in our app we also have to **implement** the **hdodenhof CircleImageView** in our app, to do so follow the below steps.
- Go to **Gradle Scripts->build.gradle (Module: app)** section and import below dependencies and click the "**sync Now**" show at the top:
- 

```
dependencies {  
    //adding circle image view  
    implementation 'de.hdodenhof:circleimageview:3.1.0'  
  
}
```

## Step 3: Modify activity\_main.xml

- Before applying changes to the activity\_main.xml file we need a image which we will show in the **CircleImageView**, so you can [download](#) any image and past the image in the **app->res->drawable**
- Now go to **app->res->layout->activity\_main.xml** and add the **CircleImageView** as shown below:

```
<!-- circle image view to show the image -->
<de.hdodenhof.circleimageview.CircleImageView
    app:civ_border_width= "8dp"
    app:civ_border_color= "@color/colorPrimary"
    android:src= "@drawable/indian_flag_image"
    android:layout_centerInParent= "true"
    android:layout_width= "240dp"
    android:layout_height= "240dp"/>
```

```
<?xml version= "1.0" encoding= "utf-8"?>
<RelativeLayout xmlns:android= "http://schemas.android.com/apk/res/android"
    xmlns:app= "http://schemas.android.com/apk/res-auto"
    xmlns:tools= "http://schemas.android.com/tools"
    android:layout_width= "match_parent"
    android:layout_height= "match_parent"
    tools:context= ".MainActivity">

    <!-- circle image view to show the image -->
    <de.hdodenhof.circleimageview.CircleImageView
        app:civ_border_width= "8dp"
        app:civ_border_color= "@color/colorPrimary"
        android:src= "@drawable/indian_flag_image"
        android:layout_centerInParent= "true"
        android:layout_width= "240dp"
        android:layout_height= "240dp"/>
```

## CircleImageView Attributes:

Attribute	Description
<code>app:civ_border_width= "8dp"</code>	It is used to set the width of the border around the circle image view
<code>app:civ_border_color= "@color/colorPrimary"</code>	It is used to set the color of the border around the circle image view
<code>app:civ_border_overlay= "false"</code>	It is used to set the border over every value of the circle image view

## Step 4: MainActivity.java file

```
//MainActivity.java file
package com.studytonight.project;
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;

public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate ( Bundle savedInstanceState ) {
        super.onCreate(savedInstanceState) ;
        setContentView(R.layout.activity_main) ;
    }
}
```



output

