

I'm not a robot



A fast circular ImageView perfect for profile images. This is based on RoundedImageView from Vince Mi which itself is based on techniques recommended by Romain Guy. It uses a BitmapShader and does not: create a copy of the original bitmap use a clipPath (which is neither hardware accelerated nor anti-aliased) use setXfermode to clip the bitmap (which means drawing twice to the canvas) As this is just a custom ImageView and not a custom Drawable or a combination of both, it can be used with all kinds of drawables, i.e. a PicassoDrawable from Picasso or other non-standard drawables (needs some testing though). dependencies { ... implementation 'de.hdodenhof:circleimageview:3.1.0' }

Step 4: Working with the MainActivity FileGo to the MainActivity File and refer to the following code. Since there is no change in MainActivity File, So keep it as it is. Java 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); } }

Kotlin import android.os.Bundle import androidx.appcompat.app.AppCompatActivity class MainActivity : AppCompatActivity() { override fun onCreate(savedInstanceState: Bundle?) { super.onCreate(savedInstanceState) setContentView(R.layout.activity_main) } }

Output: LimitationsIn this library, the ScaleType is always CENTER_CROP and you will get an exception if you try to change it.Enabling adjustViewBounds is not supported as this requires an unsupported ScaleType.Using a TransitionDrawable with CircleImageView doesn't work properly and leads to messed-up images. This article aims to help in How to create a Circular image view in Android without using any library in an Android Application. A Simple Circular ImageView can be made with a White Border and Transparent Content of any shape without using any Library. The code has been given in both Java and Kotlin Programming Language for Android. Step by Step ImplementationStep 1: Creating the Layout of the Circular ImageView Create a New Drawable Resource File in the Drawable Directory which defines the shape of the ImageView which is a Circle. Here, the File name is circular.xml XML.