



FLOATING ACTION BUTTON IN ANDROID STUDIO

Add the dependencies below to your build.gradle (Module: app) and resynchronize your project.

```
implementation 'com.android.support:appcompat-v7:28.0.0-alpha1'
```

```
implementation 'com.android.support:design:28.0.0-alpha1'
```

build.gradle (Module: app)

```
apply plugin: 'com.android.application'
```

```
android {  
    compileSdkVersion 28  
    buildToolsVersion "28.0.2"  
    defaultConfig {  
        applicationId "robert.karamagi.floatingactionbutton"  
        minSdkVersion 15  
        targetSdkVersion 28  
        versionCode 1  
        versionName "1.0"  
        testInstrumentationRunner "android.support.test.runner.AndroidJUnitRunner"  
    }  
    buildTypes {
```

```

        release {
            minifyEnabled false
            proguardFiles getDefaultProguardFile('proguard-android.txt'), 'proguard-rules.pro'
        }
    }
}

```

```

dependencies {
    implementation fileTree(dir: 'libs', include: ['*.jar'])
    implementation 'com.android.support:appcompat-v7:28.0.0-alpha1'
    implementation 'com.android.support:design:28.0.0-alpha1'
    implementation 'com.android.support.constraint:constraint-layout:1.1.3'
    testImplementation 'junit:junit:4.12'
    androidTestImplementation 'com.android.support.test:runner:1.0.2'
    androidTestImplementation 'com.android.support.test.espresso:espresso-core:3.0.2'
}

```

activity_main.xml [Text]

```

<?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">

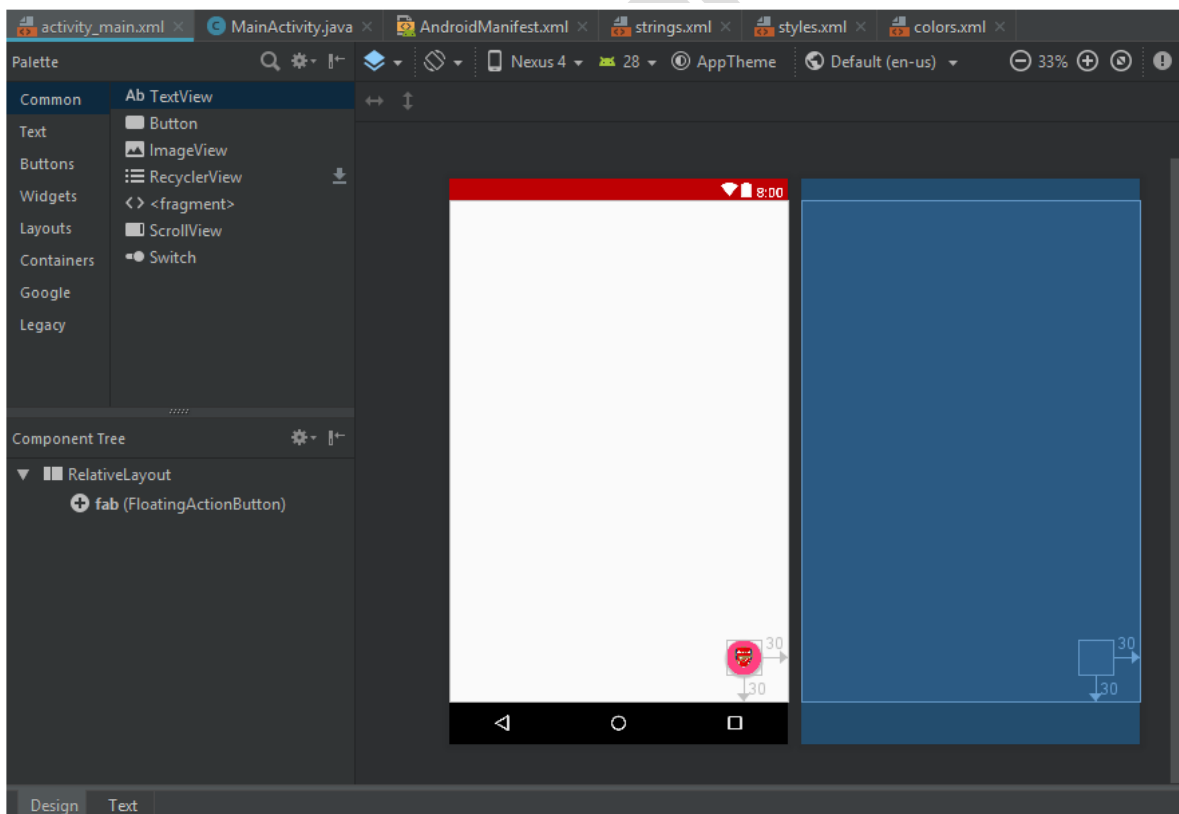
    <android.support.design.widget.FloatingActionButton
        android:id="@+id/fab"
        android:layout_width="wrap_content"

```

```
android:layout_height="wrap_content"
android:layout_alignParentBottom="true"
android:layout_alignParentEnd="true"
android:layout_marginBottom="30dp"
android:layout_marginEnd="30dp"
android:src="@drawable/arsenal"
android:layout_alignParentRight="true"
android:layout_marginRight="30dp" />
```

</RelativeLayout>

activity_main.xml [Design]



MainActivity.java

```
package robert.karamagi.floatingactionbutton;

import android.support.design.widget.FloatingActionButton;
import android.support.design.widget.Snackbar;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;

public class MainActivity extends AppCompatActivity {

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

        FloatingActionButton fab = findViewById(R.id.fab);
        fab.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Snackbar.make(view, "Arsenal FC is the best soccer club.",
Snackbar.LENGTH_LONG)
                    .setAction("", null).show();
            }
        });
    }
}
```

AndroidManifest.xml

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="robert.karamagi.floatingactionbutton">

    <application
        android:allowBackup="true"
        android:icon="@drawable/robert"
        android:label="@string/app_name"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportsRtl="true"
        android:theme="@style/AppTheme">
        <activity android:name=".MainActivity">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>

</manifest>
```

strings.xml

```
<resources>
    <string name="app_name">Floating Action Button</string>
</resources>
```

colors.xml

```
<?xml version="1.0" encoding="utf-8"?>
<resources>
    <color name="colorPrimary">#ff000d</color>
    <color name="colorPrimaryDark">#be0003</color>
    <color name="colorAccent">#FF4081</color>
</resources>
```

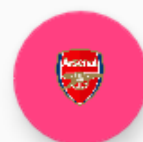
styles.xml

```
<resources>

    <!-- Base application theme. -->
    <style name="AppTheme"
parent="Base.Theme.AppCompat.Light.DarkActionBar">
        <!-- Customize your theme here. -->
        <item
name="floatingActionButtonStyle">@style/Widget.Design.FloatingActionButton
</item>
        <item name="colorPrimary">@color/colorPrimary</item>
        <item name="colorPrimaryDark">@color/colorPrimaryDark</item>
        <item name="colorAccent">@color/colorAccent</item>
    </style>
</resources>
```



Floating Action Button





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Floating Action Button



Arsenal FC is the best soccer club.

