**Guia Action Bar**

1. Crear un archivo xml de nombre toolbar.xml en el folder res> layout.

*<?***xml version="1.0" encoding="utf-8"***?>*

<**android.support.v7.widget.Toolbar xmlns:android="http://schemas.android.com/apk/res/android"**

**xmlns:local="http://schemas.android.com/apk/res-auto"**

**android:id="@+id/toolbar"**

**android:layout\_width="match\_parent"**

**android:layout\_height="wrap\_content"**

**android:minHeight="?attr/actionBarSize"**

**android:background="?attr/colorPrimary"**

**local:theme="@style/ThemeOverlay.AppCompat.Dark.ActionBar"**

**local:popupTheme="@style/ThemeOverlay.AppCompat.Light"** />

2. Abrir el layout principal (activity\_main.xml) y agregar el archivo toolbar.xml utilizando el tag. <include>

*<?***xml version="1.0" encoding="utf-8"***?>*

<**LinearLayout 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:id="@+id/layoutPrincipal"**

**android:layout\_width="match\_parent"**

**android:layout\_height="match\_parent"**

**android:layout\_gravity="center"**

**android:orientation="vertical"**

**tools:context="ucb.bo.edu.colores.MainActivity"**>

**<include**

**android:id="@+id/toolbar"**

**layout="@layout/toolbar" />**

<**TextView**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:layout\_gravity="center\_horizontal"**

**android:text="Cambio de Colores"**

**android:visibility="visible"** />

<**Button**

**android:id="@+id/btnAzul"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:layout\_gravity="center\_horizontal"**

**android:onClick="changeBlue"**

**android:text="Rojo"**

**android:visibility="visible"** />

<**Button**

**android:id="@+id/btnWhite"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:layout\_gravity="center\_horizontal"**

**android:text="Blanco"**

**android:visibility="visible"** />

</**LinearLayout**>

3. Agregar el soporte del action bar en el archivo java ( MainActivity.java)

**import** android.graphics.Color;

**import** android.os.Bundle;

**import** android.support.v7.app.AppCompatActivity;

**import** android.support.v7.widget.Toolbar;

**import** android.view.View;

**import** android.widget.Button;

**import** android.widget.LinearLayout;

**public class** MainActivity **extends** AppCompatActivity {

**private** View **layoutPrincipal**;

**private** Button **btnWhite**;

**private** Toolbar **mToolBar**;

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_main***);

**this**.**mToolBar** = (Toolbar) findViewById(R.id.***toolbar***);

**if** (**this**.**mToolBar** != **null**) {

setSupportActionBar(**this**.**mToolBar**);

}

getSupportActionBar().setDisplayShowHomeEnabled(**true**);

*//getSupportActionBar().setDisplayHomeAsUpEnabled(true);*

**this**.**layoutPrincipal** = (LinearLayout) findViewById(R.id.***layoutPrincipal***);

**this**.**btnWhite** = (Button) findViewById(R.id.***btnWhite***);

**this**.**btnWhite**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View view) {

**layoutPrincipal**.setBackgroundColor(Color.***WHITE***);

}

});

}

**public void** changeBlue(View view) {

**this**.**layoutPrincipal**.setBackgroundColor(Color.***RED***);

}

}

<https://github.com/calyr/ColoresMaterialDesign.git> Rama actionbar