**Custom Alert Dialog**

**MainActivity.java**

package com.example.customalertdialog;

import android.app.Dialog;

import android.content.Context;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.ImageView;

import android.widget.TextView;

public class MainActivity extends AppCompatActivity {

final Context context = this;

private Button button;

public void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

button = (Button) findViewById(R.id.buttonShowCustomDialog);

// add button listener

button.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View arg0) {

// custom dialog

final Dialog dialog = new Dialog(context);

dialog.setContentView(R.layout.custom);

Button dialogButton = (Button) dialog.findViewById(R.id.dialogButtonOK);

// if button is clicked, close the custom dialog

dialogButton.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

dialog.dismiss();

Toast.makeText(getApplicationContext(),"Dismissed..!!",Toast.LENGTH\_SHORT).show();

}

});

dialog.show();

}

});

}

}

**activity\_main.xml**

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

<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:tools="http://schemas.android.com/tools"

android:id="@+id/activity\_main"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:paddingBottom="@dimen/activity\_vertical\_margin"

android:paddingLeft="@dimen/activity\_horizontal\_margin"

android:paddingRight="@dimen/activity\_horizontal\_margin"

android:paddingTop="@dimen/activity\_vertical\_margin"

tools:context="com.example.customalertdialog.MainActivity">

<Button

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:id="@+id/buttonShowCustomDialog"

android:onClick="exit"

android:textStyle="normal|bold"

style="@android:style/Widget.DeviceDefault.Button.Inset"

android:layout\_alignParentBottom="true"

android:layout\_centerHorizontal="true"

android:layout\_marginBottom="131dp"

android:text="@string/click"/>

<TextView

android:text="CLICK TO VIEW CUSTOM ALERT DIALOG"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_above="@+id/buttonShowCustomDialog"

android:layout\_centerHorizontal="true"

android:layout\_marginBottom="86dp"

android:id="@+id/textView"

android:gravity="center"

android:textStyle="normal|bold"

android:textSize="18sp"

tools:ignore="HardcodedText" />

</RelativeLayout>

**Create a layout file name as custom.xml .**

**In this file we are going to define the XML for custom dialog appearance. A textbox , [imageview](https://abhiandroid.com/ui/imageview/" \o "ImageView" \t "_self) and  a button.**

**custom.xml**

<?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:orientation="vertical" android:layout\_width="match\_parent"

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

<TextView

android:text="@string/alert"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:id="@+id/text"

android:textStyle="normal|bold"

android:textSize="18sp"

android:layout\_alignParentTop="true"

android:layout\_toRightOf="@+id/image"

android:layout\_toEndOf="@+id/image"

android:layout\_marginLeft="21dp"

android:layout\_marginStart="21dp"

android:layout\_marginTop="12dp" />

<ImageButton

android:layout\_width="35dp"

android:layout\_height="35dp"

app:srcCompat="@drawable/stop"

android:id="@+id/image"

android:layout\_alignParentLeft="true"

android:layout\_alignParentStart="true"

android:layout\_marginLeft="5dp"

android:layout\_marginTop="5dp"

tools:ignore="ContentDescription,RtlHardcoded" />

<Button

android:id="@+id/dialogButtonOK"

android:layout\_width="200dp"

android:layout\_height="wrap\_content"

android:text="@string/dismiss"

android:layout\_marginTop="23dp"

android:paddingRight="5dp"

android:layout\_below="@+id/image"

android:layout\_alignLeft="@+id/image"

android:layout\_alignStart="@+id/image"

android:textSize="18sp"

style="@style/Widget.AppCompat.Button.Colored"

tools:ignore="RtlHardcoded,RtlSymmetry" />

</RelativeLayout>