Add an image inside res → drawable → notif\_icon.xml (using right click on project → new → vector assets) or copy paste an image

Activity\_main.xml

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

<**android.support.constraint.ConstraintLayout 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"**>

<**Button**

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

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

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

**android:layout\_marginBottom="8dp"**

**android:layout\_marginEnd="8dp"**

**android:layout\_marginStart="8dp"**

**android:layout\_marginTop="8dp"**

**android:text="Show Notification"**

**app:layout\_constraintBottom\_toBottomOf="parent"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintHorizontal\_bias="0.334"**

**app:layout\_constraintLeft\_toLeftOf="parent"**

**app:layout\_constraintRight\_toRightOf="parent"**

**app:layout\_constraintStart\_toStartOf="parent"**

**app:layout\_constraintTop\_toTopOf="parent"**

**app:layout\_constraintVertical\_bias="0.158"** />

<**Button**

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

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

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

**android:layout\_marginBottom="8dp"**

**android:layout\_marginEnd="8dp"**

**android:layout\_marginStart="8dp"**

**android:layout\_marginTop="8dp"**

**android:text="Clear Notification"**

**app:layout\_constraintBottom\_toBottomOf="parent"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintHorizontal\_bias="0.338"**

**app:layout\_constraintStart\_toStartOf="parent"**

**app:layout\_constraintTop\_toBottomOf="@+id/btnShowNotification"**

**app:layout\_constraintVertical\_bias="0.481"** />

</**android.support.constraint.ConstraintLayout**>

MainActivity.java

**package** com.example.jevitha.a19\_notification;

**import** android.app.Notification;

**import** android.app.NotificationChannel;

**import** android.app.NotificationManager;

**import** android.app.PendingIntent;

**import** android.content.Context;

**import** android.content.Intent;

**import** android.net.Uri;

**import** android.os.Build;

**import** android.support.v4.app.NotificationCompat;

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

**import** android.os.Bundle;

**import** android.view.View;

**import** android.widget.Button;

**import** android.widget.Toast;

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

Button **btnShow**, **btnClear**;

NotificationManager **manager**;

Notification **myNotification**;

**int notifyID** =1;

@Override

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

**super**.onCreate(savedInstanceState);

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

**btnShow** = (Button) findViewById(R.id.***btnShowNotification***);

**btnClear** = (Button) findViewById(R.id.***btnClearNotification***);

**manager** = (NotificationManager) getSystemService(***NOTIFICATION\_SERVICE***);

**btnShow**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View arg0) {

**if** (Build.VERSION.***SDK\_INT*** >= Build.VERSION\_CODES.***O***) {

String channel\_Id = **"my\_channel\_01"**;*// The id of the channel.*

CharSequence channelName = **"NotifChannel"**;*// The user-visible name of the channel.*

**int** channelImportance = NotificationManager.***IMPORTANCE\_HIGH***;

**manager** =

(NotificationManager) getSystemService(Context.***NOTIFICATION\_SERVICE***);

*// Create a notification and set the notification channel.*

NotificationChannel channel = **new** NotificationChannel(channel\_Id, channelName,

channelImportance);

**manager**.createNotificationChannel(channel);

*//Create the intent that’ll fire when the user taps the notification//*

Intent intent = **new** Intent(Intent.***ACTION\_VIEW***, Uri.*parse*(**"https://www.google.com/"**));

*//PendingIntent.FLAG\_UPDATE\_CURRENT - Flag indicating that if the described PendingIntent already exists,*

*// then keep it but replace its extra data with what is in this new Intent.*

PendingIntent pendingIntent = PendingIntent.*getActivity*(MainActivity.**this**, 1,

intent, PendingIntent.***FLAG\_UPDATE\_CURRENT***);

**myNotification** = **new** Notification.Builder(MainActivity.**this**,channel\_Id)

.setContentTitle(**"New Message"**)

*//.setAutoCancel(true)*

.setOngoing(**true**)

.setContentText(**"Browse the content"**)

.setSmallIcon(R.drawable.***notif\_icon***)

.setContentIntent(pendingIntent)

.build();

**manager**.notify(**notifyID**, **myNotification**);

}

**else**{

Intent intent = **new** Intent(Intent.***ACTION\_VIEW***, Uri.*parse*(**"https://www.google.com/"**));

*//PendingIntent.FLAG\_UPDATE\_CURRENT - Flag indicating that if the described PendingIntent already exists,*

*// then keep it but replace its extra data with what is in this new Intent.*

PendingIntent pendingIntent = PendingIntent.*getActivity*(MainActivity.**this**, 1,

intent, PendingIntent.***FLAG\_UPDATE\_CURRENT***);

Notification.Builder builder = **new** Notification.Builder(MainActivity.**this**);

builder.setAutoCancel(**true**);

builder.setContentTitle(**"App Notification"**);

builder.setContentText(**"You have a new message"**);

builder.setSmallIcon(R.drawable.***notif\_icon***);

builder.setContentIntent(pendingIntent);

builder.setOngoing(**true**);

builder.setSubText(**"This is subtext..."**); *//API level 16*

*//builder.setNumber(100);*

**myNotification**= builder.build();

*// myNotication = builder.getNotification();*

*// myNotication.flags = Notification.FLAG\_AUTO\_CANCEL;*

**manager**.notify(**notifyID**,**myNotification**);

}

}

});

**btnClear**.setOnClickListener(**new** View.OnClickListener() {

@Override

**public void** onClick(View arg0) {

**manager**.cancel(**notifyID**);

}

});

}

}