



XML

```
<?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:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:id="@+id/backGround"
    android:background="#87bff7"
    tools:context="com.example.itech_mgr.myrdiogroup.MainActivity">

    <RadioGroup
        android:id="@+id/backcolor"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="20dp">

        <RadioButton
            android:id="@+id/RC"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:text="red back"
            android:onClick="changecolor"/>

        <RadioButton
            android:id="@+id/GC"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:text="Rgreen back"
            android:onClick="changecolor"/>

    </RadioGroup>
</RadioGroup>
```

```
        android:id="@+id/textcolor"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_margin="20dp">

        <RadioButton
            android:id="@+id/Rtxt"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:text="red text"
            android:onClick="changecolor"/>

        <RadioButton
            android:id="@+id/Gtxt"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_weight="1"
            android:text="green text"
            android:onClick="changecolor"/>
    </RadioGroup>

    <TextView
        android:id="@+id/mytxt"
        android:layout_width="144dp"
        android:layout_height="wrap_content"
        android:layout_marginLeft="50dp"
        android:text="COLOR APP"
        android:textAlignment="center"
        android:textSize="20sp"
        android:padding="10dp"
        android:textStyle="bold" />

</LinearLayout>
```

Java

```
package com.example.itech_mgr.myrdiogroup;

import android.graphics.Color;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.LinearLayout;
import android.widget.RadioButton;
import android.widget.RadioGroup;
import android.widget.TextView;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {

    LinearLayout back;
    RadioGroup rg_back, rg_txt;
    RadioButton Bcbut, Tcbut;
    TextView app;

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

        rg_back = (RadioGroup) findViewById(R.id.backcolor);
```

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```
        rg_txt = (RadioGroup) findViewById(R.id.textcolor);

        app = (TextView) findViewById(R.id.mytxt);
    }

    public void changecolor(View v) {

        int bk = rg_back.getCheckedRadioButtonId();
        Bcbut = (RadioButton) findViewById(bk);

        back = (LinearLayout) findViewById(R.id.backGround);
        if (Bcbut != null) {
            if (Bcbut.getId() == R.id.RC) {

                back.setBackgroundColor(Color.RED);

            } else if (Bcbut.getId() == R.id.GC) {

                back.setBackgroundColor(Color.GREEN);

            }
        }
        int tt = rg_txt.getCheckedRadioButtonId();
        Tcbut = (RadioButton) findViewById(tt);

        if (Tcbut != null) {
            if (Tcbut.getId() == R.id.Rtxt) {
                app.setTextColor(Color.RED);
            }
            else if (Tcbut.getId() == R.id.Gtxt)
            {
                app.setTextColor(Color.GREEN);
            }
        }
    }
}
```