

activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.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">
    <TextView
        android:id="@+id/textView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="50dp"
        android:textStyle="bold"
        android:text="Change My Style!"
        android:textColor="@color/black"
        android:textSize="28sp"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintBottom_toTopOf="@+id/spinnerFont"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintEnd_toEndOf="parent"/>
        <Spinner
            android:id="@+id/spinnerFont"
            android:layout_width="0dp"
            android:layout_height="wrap_content"
            android:layout_marginTop="40dp"
            android:layout_marginHorizontal="16dp"
            android:spinnerMode="dropdown"
            android:padding="12dp"
            android:textSize="20sp"
            app:layout_constraintTop_toBottomOf="@+id/textView"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintEnd_toEndOf="parent"/>
            <Spinner
                android:id="@+id/spinnerColor"
                android:layout_width="0dp"
                android:layout_height="wrap_content"
                android:layout_marginTop="25dp"
                android:layout_marginHorizontal="16dp"
                android:spinnerMode="dropdown"
                android:padding="12dp"
                android:textSize="20sp"
                app:layout_constraintTop_toBottomOf="@+id/spinnerFont"
                app:layout_constraintStart_toStartOf="parent"
                app:layout_constraintEnd_toEndOf="parent"/>
```

```

<Button
    android:id="@+id/btnChange"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginTop="40dp"
    android:text="Change Style"
    android:textSize="22sp"
    app:layout_constraintTop_toBottomOf="@+id/spinnerColor"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintEnd_toEndOf="parent"/>
</androidx.constraintlayout.widget.ConstraintLayout>

```

MainActivity.java

```

package com.example.textstylechanger;
import androidx.appcompat.app.AppCompatActivity;
import android.graphics.Typeface;
import android.os.Bundle;
import android.view.View;
import android.widget.AdapterView;
import android.widget.AdapterView.OnItemClickListener;
import android.widget.Button;
import android.widget.Spinner;
import android.widget.TextView;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {
    private TextView textView;
    private Spinner spinnerFont;
    private Spinner spinnerColor;
    private Button btnChange;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        textView = findViewById(R.id.textView);
        spinnerFont = findViewById(R.id.spinnerFont);
        spinnerColor = findViewById(R.id.spinnerColor);
        btnChange = findViewById(R.id.btnChange);
        ArrayAdapter<CharSequence> fontAdapter = ArrayAdapter.createFromResource(this,
            R.array.fonts_array, android.R.layout.simple_spinner_item);
        fontAdapter.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_item);
        spinnerFont.setAdapter(fontAdapter);
        ArrayAdapter<CharSequence> colorAdapter = ArrayAdapter.createFromResource(this,
            R.array.colors_array, android.R.layout.simple_spinner_item);
        colorAdapter.setDropDownViewResource(android.R.layout.simple_spinner_dropdown_item);
        spinnerColor.setAdapter(colorAdapter);
    }
}

```

```

btnChange.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View view) {
        String selectedFont = spinnerFont.getSelectedItem().toString();
        switch (selectedFont) {
            case "Sans Serif":
                textView.setTypeface(Typeface.SANS_SERIF);
                break;
            case "Serif":
                textView.setTypeface(Typeface.SERIF);
                break;
            case "Monospace":
                textView.setTypeface(Typeface.MONOSPACE);
                break;
        }
        String selectedColor = spinnerColor.getSelectedItem().toString();
        switch (selectedColor) {
            case "Red":
                textView.setTextColor(getResources().getColor(R.color.red));
                break;
            case "Green":
                textView.setTextColor(getResources().getColor(R.color.green));
                break;
            case "Blue":
                textView.setTextColor(getResources().getColor(R.color.blue));
                break;
            case "Teal 200":
                textView.setTextColor(getResources().getColor(R.color.teal_200));
                break;
            case "White":
                textView.setTextColor(getResources().getColor(R.color.white));
                break;
        }
        Toast.makeText(MainActivity.this, "Font and color changed!", Toast.LENGTH_SHORT).show();
    }
});
}
}

```

7:42 PM 1.0KB/s



My Application2

Hello Abiney Yadav

CHANGE FONT

CHANGE COLOR

Font Color Changed