


ДИЗАЙН В ANDROID ПРИЛОЖЕНИЯХ

MATERIAL DESIGN

БАЗОВОЙ ЯВЛЯЕТСЯ ПЛОТНОСТЬ MDPI, КОГДА $1PX = 1DP$

- ▶ ldpi (0.75x)
- ▶ mdpi (1x)*
- ▶ hdpi (1.5x)
- ▶ xhdpi (2.0x)
- ▶ xxhdpi (3.0x)
- ▶ xxxhdpi (4.0x)

DPI (Dots Per Inch) – количество точек на дюйм

1x
BASELINE

MDPI
~160 DPI

1.5x

HDPI
~240 DPI

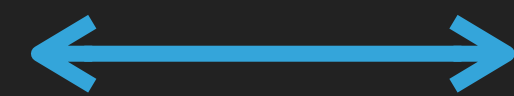
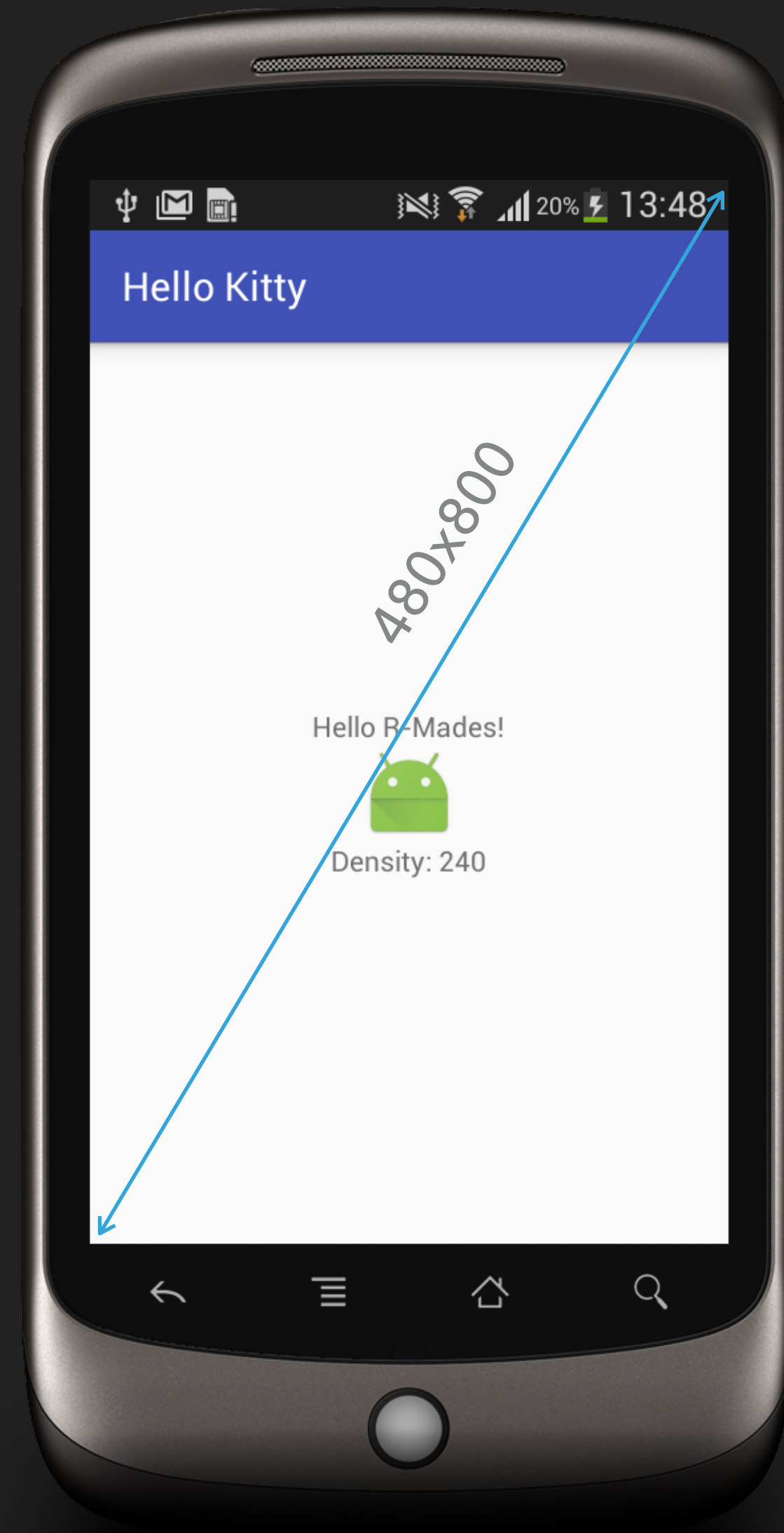
2x

XHDPI
~320 DPI

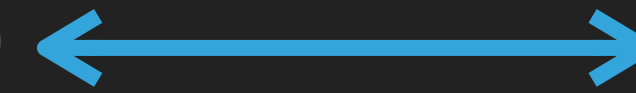
3x

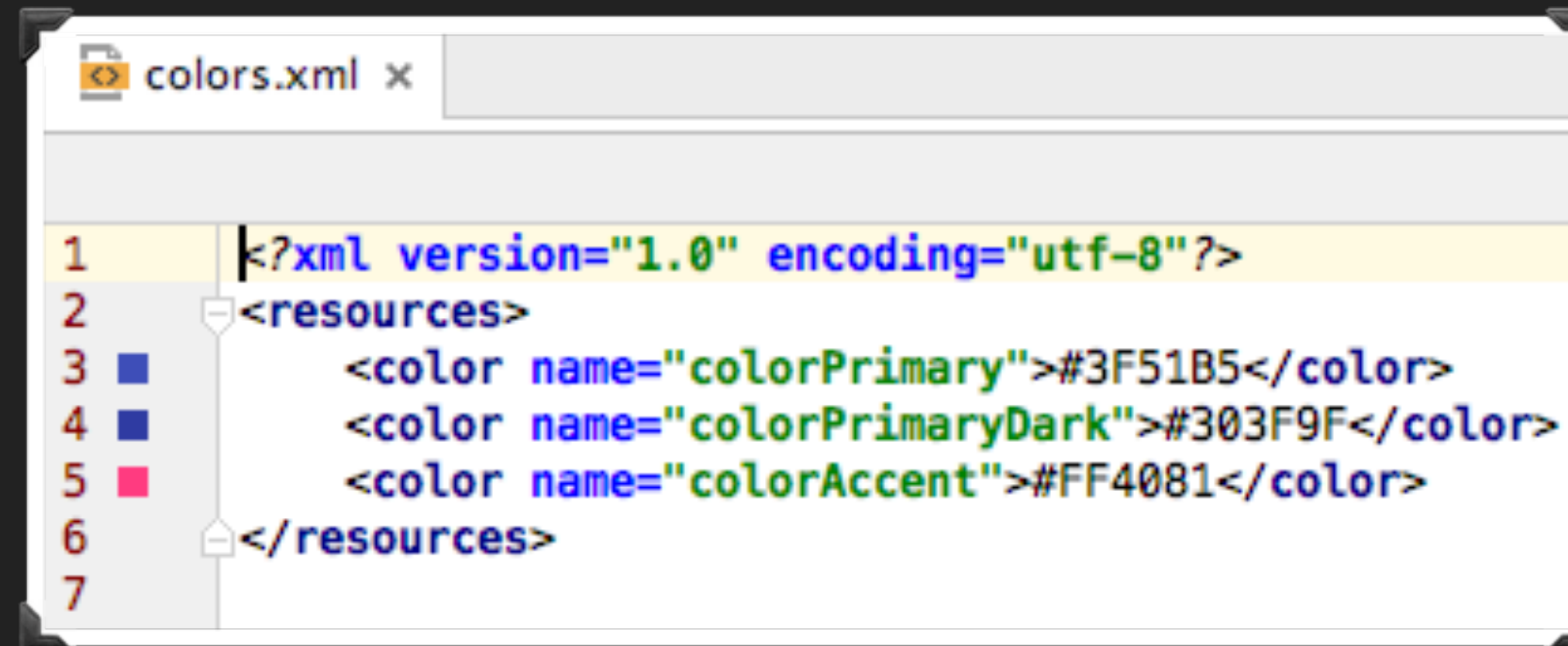
XXHDPI
~480 DPI

ПРИМЕР



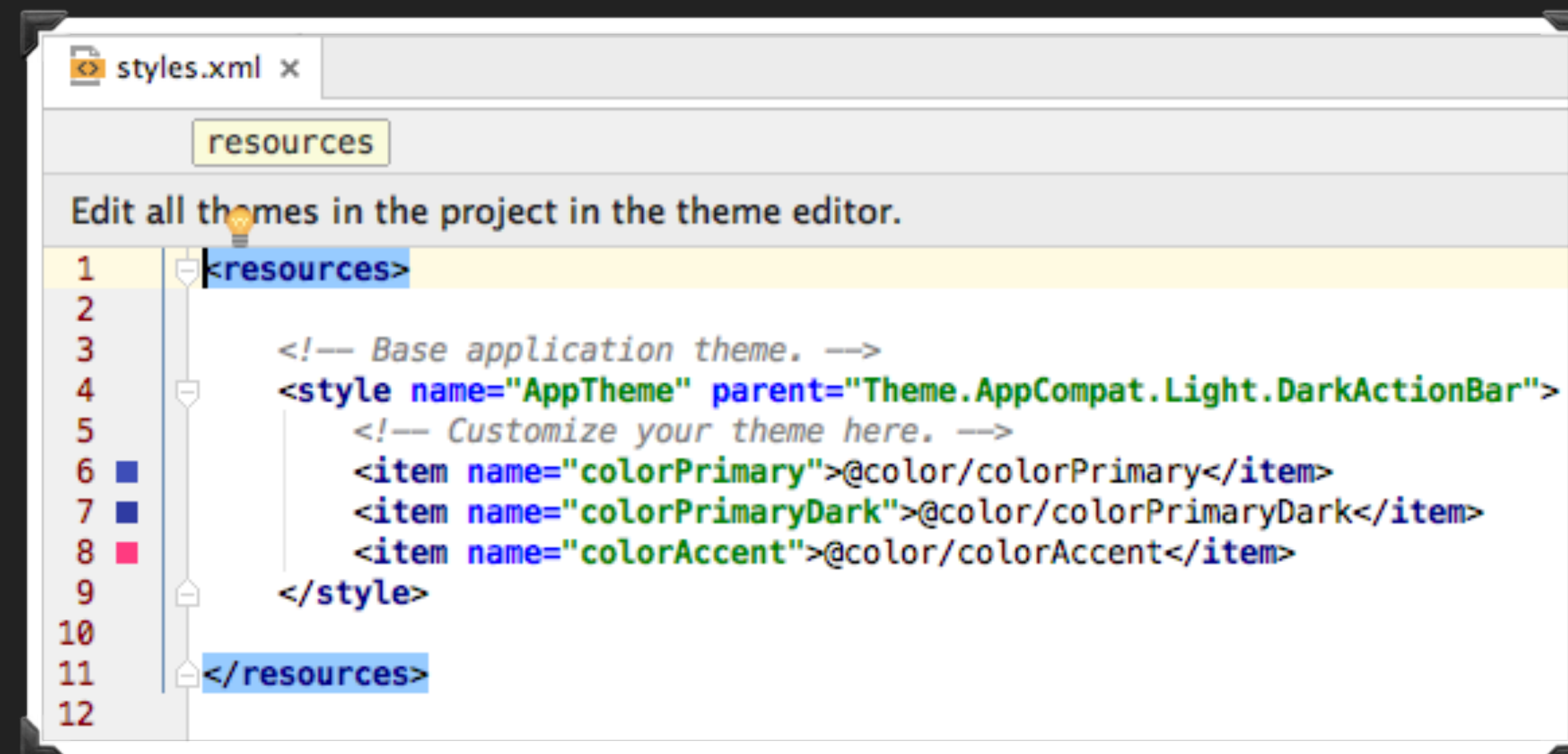
- ▶ ldpi (0.75x)
- ▶ mdpi (1x)*
- ▶ hdpi (1.5x)
- ▶ xhdpi (2.0x) ↔
- ▶ xxhdpi (3.0x)
- ▶ xxxhdpi (4.0x)





The screenshot shows a code editor window titled 'colors.xml'. The code is as follows:

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <resources>
3     <color name="colorPrimary">#3F51B5</color>
4     <color name="colorPrimaryDark">#303F9F</color>
5     <color name="colorAccent">#FF4081</color>
6 </resources>
```



The screenshot shows a code editor window titled 'styles.xml'. The 'resources' tab is selected. A message above the code says 'Edit all themes in the project in the theme editor.' The code is as follows:

```
1 <resources>
2
3     <!-- Base application theme. -->
4     <style name="AppTheme" parent="Theme.AppCompat.Light.DarkActionBar">
5         <!-- Customize your theme here. -->
6         <item name="colorPrimary">@color/colorPrimary</item>
7         <item name="colorPrimaryDark">@color/colorPrimaryDark</item>
8         <item name="colorAccent">@color/colorAccent</item>
9     </style>
10
11 </resources>
```

ПОЛЕЗНЫЕ ССЫЛКИ

- ▶ Mobile Application Design Integration:
1 part - <https://habrahabr.ru/post/183836/>
2 part - <https://habrahabr.ru/post/184654/>
- ▶ Icon: <https://www.iconfinder.com/>
- ▶ Guideline: <https://guides.codepath.com/android/Android-Design-Guidelines>
- ▶ Google Material Design: <https://material.google.com/>
- ▶ Material Palette: <https://www.materialpalette.com/>
- ▶ Material Design Colors: <https://www.materialui.co/colors>