

# Converting Colors

Android(4281944948)

Have a look what the booklet for  
Android(4281944948) contains.

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# Color

**Android(4281944948)**

# Conversions

## Conversions Part 1

Format	Color
Hex	394B74
RGB	57, 75, 116
RGB Percent	22%, 29%, 45%
CMY	0.7765, 0.7059, 0.5451
CMYK	0.51, 0.35, 0.00, 0.55
HSL	222°, 34%, 34%
HSV	222°, 51%, 45%
XYZ	7.3558, 7.1630, 17.5179
YIQ	74.2920, -23.8890, 8.9350

# Conversions

## Conversions Part 2

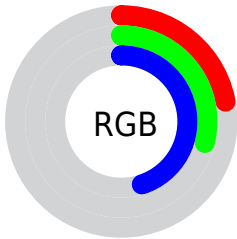
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 71, 116
Decimal	3754868
CIELab	32.18, 5.42, -25.72
CIElCh	32, 26.282, 281.911
Yxy	7.1630, 0.2296, 0.2236
Android (android.graphics.Color)	4281944948 (0xFF394B74)
YUV	74.2920, 20.5620, -15.1651
Hunter-Lab	26.7637, 2.2229, -20.0730

# Details

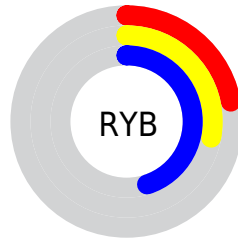
The Android color `4281944948` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4285817401`, and the grayscale version is `4283058762`.

A 20% lighter version of the original color is `4285299880`, and `4278329411` is the 20% darker color. If you saturate the color by 10%, you get `4281156468`, and if you desaturate by 10%, it is `4282733428`.

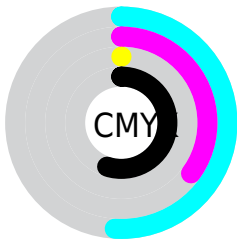
# Distribution



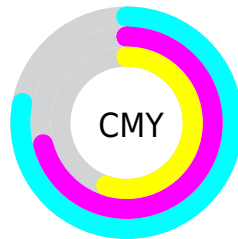
- Red (22%)
- Green (29%)
- Blue (45%)



- Red (22%)
- Yellow (28%)
- Blue (45%)



- Cyan (51%)
- Magenta (35%)
- Yellow (0%)
- Black (55%)



- Cyan (78%)
- Magenta (71%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281944948 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4281944948 by changing the saturation by 10% instead.





4281944948



4281944948

4294967295



4280300891



4285299880



4278329411



4287010244



4278191917



4288786656



4278190360



4290563068



4278190080



4292470783



4294311935



4281944948



4281944948



4281156468



4282733428

■ 4280433524

■ 4283456372

■ 4279645044

■ 4284244852

■ 4278922100

■ 4284967796

■ 4278199156

■ 4285756276

■ 4286544756

■ 4287267700

■ 4288056180

■ 4288779380

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4278210931



4281944948



4283974507

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4281944948



4285480753



4280046910

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4281944948



4285817401

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4282012204



4281944948



4284696100

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4281944948



4285741892



4283452706



4278212180

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4281944948



4284890719



4283452706



4280767799



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4281944948



4286613398



4281955425



4282336077



4291611852



4283256141



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4281944948



4282079126



4282661236



4281677627



4278199674



4278209786



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4285806923



4288035671



4285101113



4282070327



4286185509



4294574156



# Previews

## White Background



This preview shows how the Android color 4281944948 looks on a white background.

## Color Contrast Check

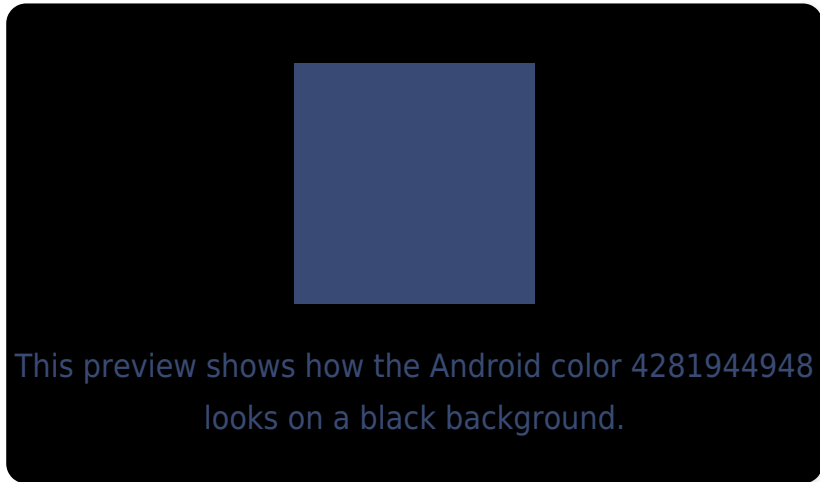
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281944948 Background



This preview shows how black text looks on a background with the Android color 4281944948.

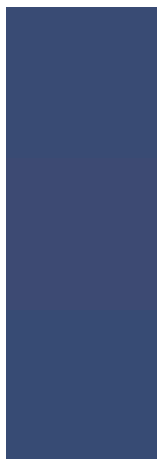


This preview shows how white text looks on a background with the Android color 4281944948.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**

4281944948

**Protanopia**

4282206835

**Deuteranopia**

4281813876



# Trichromacy



**Original Color**

4281944948

**Protanomaly**

4282141299

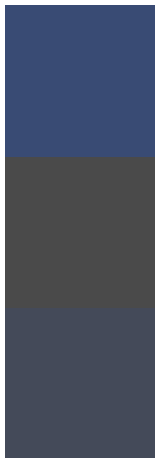
**Deuteranomaly**

4281879412

**Tritanomaly**

4281552738

# Monochromacy



**Original Color**

4281944948

**Achromatopsia**

4283058762

**Achromatomaly**

4282665561

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281944948 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(57, 75, 116)` looks like.

```
.text, #text, p{  
    color:rgb(57, 75, 116)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(57, 75, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 75, 116) }
```

## Border

The CSS property to change the border of an element to Android 4281944948 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(57, 75, 116) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(57, 75, 116) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(57, 75, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 75, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 75, 116);  
box-shadow:4px 4px 4px 4px rgb(57, 75,  
116) }
```

# Background

The CSS property to change the background color of an element to Android 4281944948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 75, 116) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(57, 75,  
116) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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