

# Converting Colors

Android(4283849832)

Have a look what the booklet for  
Android(4283849832) contains.

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# Color

**Android(4283849832)**

# Conversions

## Conversions Part 1

Format	Color
Hex	565C68
RGB	86, 92, 104
RGB Percent	34%, 36%, 41%
CMY	0.6627, 0.6392, 0.5922
CMYK	0.17, 0.12, 0.00, 0.59
HSL	220°, 9%, 37%
HSV	220°, 17%, 41%
XYZ	10.1636, 10.6322, 14.6132
YIQ	91.5740, -7.4280, 2.4600

# Conversions

## Conversions Part 2

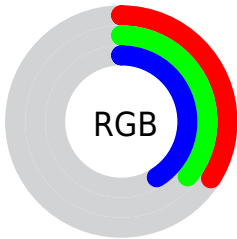
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 91, 104
Decimal	5659752
CIE Lab	38.95, 0.45, -7.65
CIE LCh	39, 7.663, 273.384
Yxy	10.6322, 0.2870, 0.3003
Android (android.graphics.Color)	4283849832 (0xFF565C68)
YUV	91.5740, 6.1260, -4.8884
Hunter-Lab	32.6071, -1.4241, -3.7466

# Details

The Android color `4283849832` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `4285030998`, and the grayscale version is `4284243036`.

A 20% lighter version of the original color is `4287139483`, and `4280888889` is the 20% darker color. If you saturate the color by 10%, you get `4283192680`, and if you desaturate by 10%, it is `4284506984`.

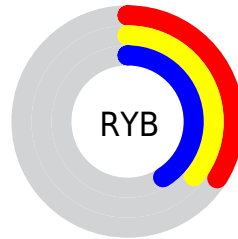
# Distribution



Red (34%)

Green (36%)

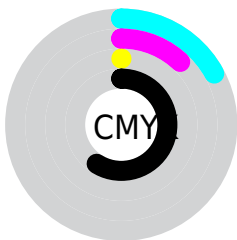
Blue (41%)



Red (34%)

Yellow (36%)

Blue (41%)

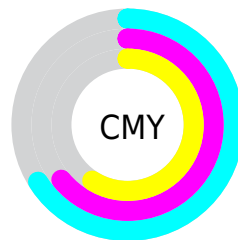


Cyan (17%)

Magenta (12%)

Yellow (0%)

Black (59%)



Cyan (66%)

Magenta (64%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283849832 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 4283849832 by changing the saturation by 10% instead.





4283849832



4283849832

4294967295



4282336592



4287139483



4280888889



4288850358



4279507492



4290626770



4278190350



4292468974



4278190080



4294376703



4283849832



4283849832



4283192680



4284506984



4282469992



4285229672

■ 4281812840

■ 4285886824

■ 4281090152

■ 4286609512

■ 4280433000

■ 4287266664

■ 4279775848

■ 4287923816

■ 4279053160

■ 4288646504

■ 4278396264

■ 4289303400

■ 4278199144

■ 4290026088

# Harmonies

## Analogous

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



4283391591



4283849832



4284373606

# Triad

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



4283849832



4285093973



4283588438

# Complementary

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



4283849832



4285030998

# 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.



4284046673



4283849832



4284897617

# Square

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



4283849832



4285093979



4284505167



4283260764

# Rectangle

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



4283849832



4284701027



4284505167



4283719252



# Sweetspot

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



4283849832



4286612359



4283852898



4282466885



4291085508



4282729797



# Same Dimension

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



4283849832



4285232263



4284044904



4281217075



4278199923



4278211058



# Inverse Universe

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



4285027932



4287064948



4284835926



4281544240



4285726758

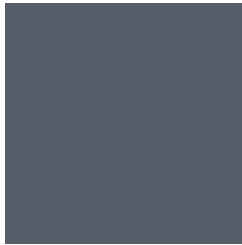


4294049873



# Previews

## White Background



This preview shows how the Android color 4283849832 looks on a white background.

## Color Contrast Check

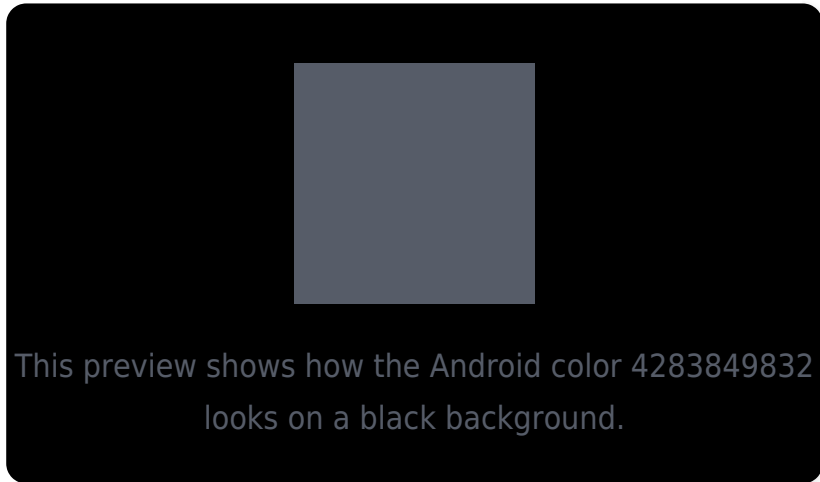
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

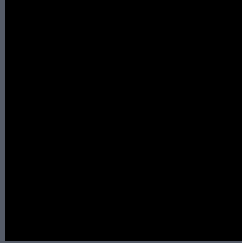
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

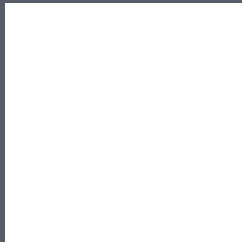
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283849832 Background



This preview shows how black text looks on a background with the Android color 4283849832.

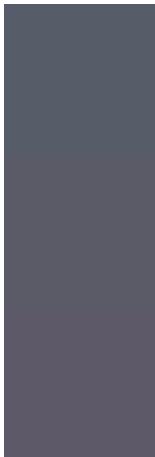


This preview shows how white text looks on a background with the Android color 4283849832.

# 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



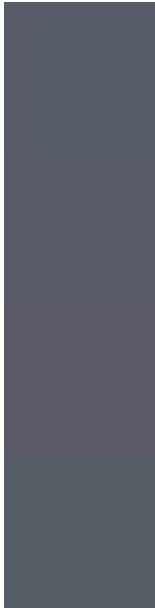
**Original Color**  
4283849832

**Protanopia**  
4284111719

**Deuteranopia**  
4284373353



# Trichromacy



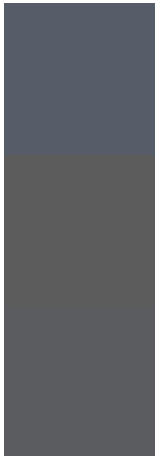
**Original Color**  
4283849832

**Protanomaly**  
4284046183

**Deuteranomaly**  
4284177001

**Tritanomaly**  
4283784549

# Monochromacy



**Original Color**  
4283849832

**Achromatopsia**  
4284243036

**Achromatomaly**  
4284111968

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283849832 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(86, 92, 104)` looks like.

```
.text, #text, p{  
    color:rgb(86, 92, 104)  
}
```

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(86, 92, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 92, 104) }
```

## Border

The CSS property to change the border of an element to Android 4283849832 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(86, 92, 104) }
```

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

```
.border{ border-color:rgb(86, 92, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 92, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 92, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 92, 104);  
box-shadow:4px 4px 4px 4px rgb(86, 92,  
104) }
```

# Background

The CSS property to change the background color of an element to Android 4283849832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 92, 104) }
```

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

```
.background{ background-color: rgb(86, 92,  
104) }
```

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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