

# Converting Colors

Android(4283000769)

Have a look what the booklet for  
Android(4283000769) contains.

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# Color

**Android(4283000769)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4967C1
RGB	73, 103, 193
RGB Percent	29%, 40%, 76%
CMY	0.7137, 0.5961, 0.2431
CMYK	0.62, 0.47, 0.00, 0.24
HSL	225°, 49%, 52%
HSV	225°, 62%, 76%
XYZ	17.2235, 14.9672, 52.4333
YIQ	104.2900, -46.7700, 21.6300

# Conversions

## Conversions Part 2

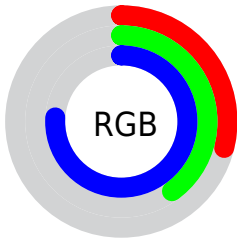
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 97, 193
Decimal	4810689
CIE <sub>Lab</sub>	45.59, 17.47, -50.58
CIE <sub>LCh</sub>	46, 53.508, 289.058
Yxy	14.9672, 0.2035, 0.1769
Android (android.graphics.Color)	4283000769 (0xFF4967C1)
YUV	104.2900, 43.7340, -27.4413
Hunter-Lab	38.6875, 11.7645, -53.2747

# Details

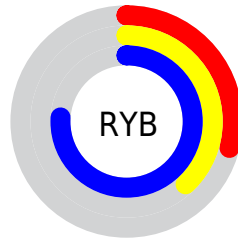
The Android color `4283000769` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark muted azure. A complement of this color would be `4290880329`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4286880506`, and `4278204811` is the 20% darker color. If you saturate the color by 10%, you get `4281752001`, and if you desaturate by 10%, it is `4284249537`.

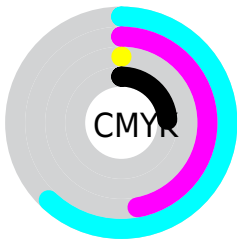
# Distribution



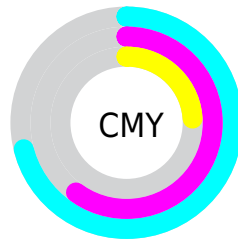
- Red (29%)
- Green (40%)
- Blue (76%)



- Red (29%)
- Yellow (38%)
- Blue (76%)



- Cyan (62%)
- Magenta (47%)
- Yellow (0%)
- Black (24%)



- Cyan (71%)
- Magenta (60%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283000769 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 4283000769 by changing the saturation by 10% instead.





4283000769



4283000769

4294967295



4280766373



4286880506



4278204811



4288787711



4278199409



4290695423



4278194520



4292603135



4278191936



4294574079



4278190889



4278190354



4278190080



4283000769



4283000769

■ 4281752001

■ 4284249537

■ 4280437441

■ 4285564097

■ 4279188673

■ 4286812865

■ 4278202561

■ 4288061889

■ 4289376193

■ 4290625217

■ 4291873985

■ 4293123009

■ 4294437313

# Harmonies

## Analogous

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



4278220484



4283000769



4287714215

# Triad

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



4283000769



4289548585



4278222937

# Complementary

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



4283000769



4290880329

# 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.



4281170733



4283000769



4287587330

# Square

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



4283000769



4290527569



4284903938



4278223240

# Rectangle

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



4283000769



4289414797



4284903938



4278222666



# Sweetspot

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



4283000769



4291483386



4283023779



4284508029



4294769916



4286414205



# Same Dimension

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



4283000769



4282281466



4284959169



4283914849



4278200481



4278192161



# Inverse Universe

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



4290857319



4294590061



4288921929



4284569434



4288741416



4280352776



# Previews

## White Background



This preview shows how the Android color 4283000769 looks on a white background.

## Color Contrast Check

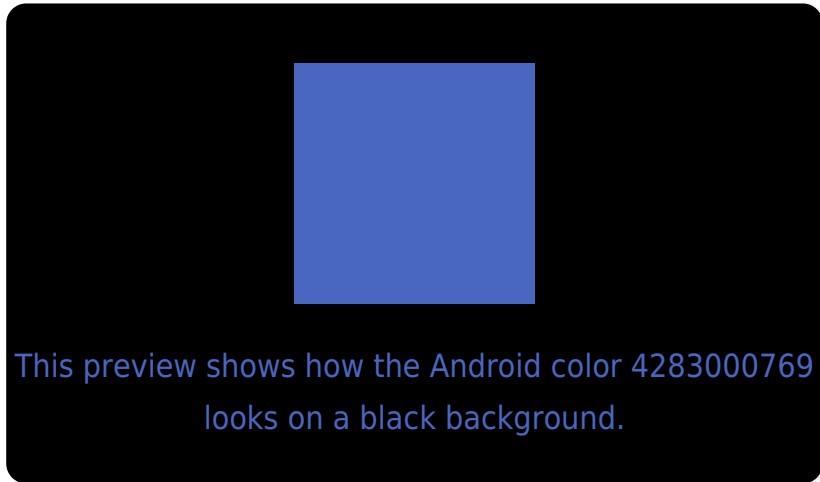
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283000769 Background



This preview shows how black text looks on a background with the Android color 4283000769.



This preview shows how white text looks on a background with the Android color 4283000769.

# Color Blindness Simulation

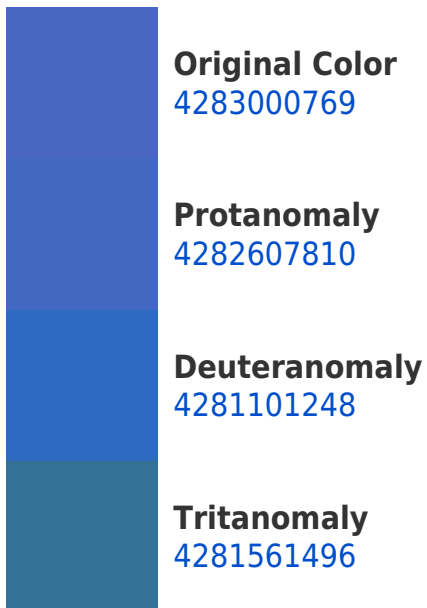
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283000769 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(73, 103, 193)` looks like.

```
.text, #text, p{  
    color:rgb(73, 103, 193)  
}
```

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(73, 103, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 103, 193) }
```

## Border

The CSS property to change the border of an element to Android 4283000769 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(73, 103, 193) }
```

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

```
.border{ border-color:rgb(73, 103, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 103, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(73, 103, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(73, 103, 193); box-shadow:4px 4px 4px 4px rgb(73, 103, 193) }
```

# Background

The CSS property to change the background color of an element to Android 4283000769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 103, 193) }
```

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

```
.background{ background-color: rgb(73, 103,  
193) }
```

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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