

# Converting Colors

Android(4285948870)

Have a look what the booklet for  
Android(4285948870) contains.

<b>Android(4285948870)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4285948870)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7663C6
RGB	118, 99, 198
RGB Percent	46%, 39%, 78%
CMY	0.5373, 0.6118, 0.2235
CMYK	0.40, 0.50, 0.00, 0.22
HSL	252°, 46%, 58%
HSV	252°, 50%, 78%
XYZ	22.1261, 16.8524, 55.5128
YIQ	115.9670, -20.4550, 34.8170

# Conversions

## Conversions Part 2

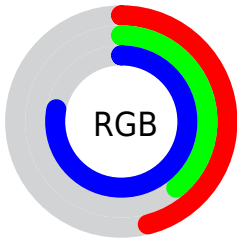
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">118, 99, 198</a>
Decimal	<a href="#">7758790</a>
CIELab	<a href="#">48.07, 31.40, -49.30</a>
CIELCh	<a href="#">48, 58.453, 302.493</a>
Yxy	<a href="#">16.8524, 0.2342, 0.1783</a>
Android (android.graphics.Color)	<a href="#">4285948870 (0xFF7663C6)</a>
YUV	<a href="#">115.9670, 40.4423, 1.7829</a>
Hunter-Lab	<a href="#">41.0517, 24.3675, -51.4395</a>

# Details

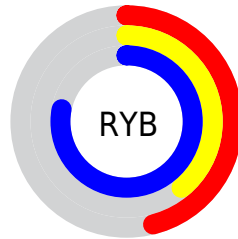
The Android color `4285948870` is a dark color, and the websafe version is hex `6666CC`. A complement of this color would be `4289971811`, and the grayscale version is `4285822068`.

A 20% lighter version of the original color is `4289631999`, and `4282332303` is the 20% darker color. If you saturate the color by 10%, you get `4284895174`, and if you desaturate by 10%, it is `4287002566`.

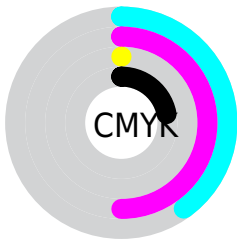
# Distribution



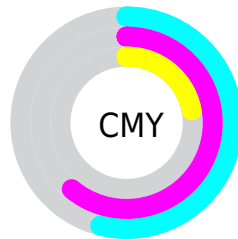
- Red (46%)
- Green (39%)
- Blue (78%)



- Red (46%)
- Yellow (39%)
- Blue (78%)



- Cyan (40%)
- Magenta (50%)
- Yellow (0%)
- Black (22%)



- Cyan (54%)
- Magenta (61%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285948870 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 4285948870 by changing the saturation by 10% instead.



 4285948870

 4285948870

4294967295

 4284173226

 4289631999

 4282332303

 4291473919

 4280360565

 4293381631

 4278192476

 4294961663

 4278190148

 4278190892

 4278190359

 4278190080

 4285948870

 4285948870

■ 4284895174

■ 4287002566

■ 4283841478

■ 4288056262

■ 4282788038

■ 4289109702

■ 4281734342

■ 4290163398

■ 4280680646

■ 4291217094

■ 4292270790

■ 4293324486

■ 4294377414

■ 4294967238

# Harmonies

## Analogous

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



4278220757



4285948870



4289743777

# Triad

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



4285948870



4289486355



4278225013

# Complementary

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



4285948870



4289971811

# 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.



4278224194



4285948870



4286935296

# Square

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



4285948870



4291119168



4283661839



4278225062

# Rectangle

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



4285948870



4290986113



4283661839



4278224996



# Sweetspot

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



4285948870



4292925951



4284724422



4285360512



4278190080



4286611584



# Same Dimension

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



4285948870



4286801663



4289160134



4284176995



4280221859



4278648868



# Inverse Universe

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



4291191731



4294928098



4286760547



4284701282



4288872580



4280549405



# Previews

## White Background



This preview shows how the Android color 4285948870 looks on a white background.

## Color Contrast Check

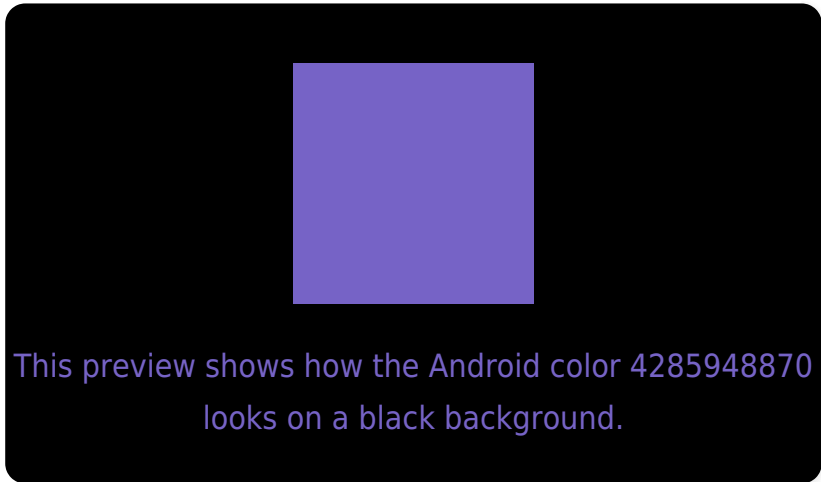
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285948870 Background



This preview shows how black text looks on a background with the Android color 4285948870.

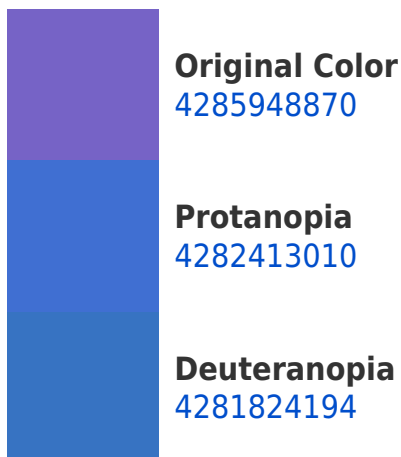


This preview shows how white text looks on a background with the Android color 4285948870.

# 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



**Original Color**  
4285948870

**Protanomaly**  
4283722702

**Deuteranomaly**  
4283329987

**Tritanomaly**  
4285230744

# Monochromacy



**Original Color**  
4285948870

**Achromatopsia**  
4285822068

**Achromatomaly**  
4285886098

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285948870 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(118, 99, 198)` looks like.

```
.text, #text, p{  
    color:rgb(118, 99, 198)  
}
```

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(118, 99, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 99, 198) }
```

## Border

The CSS property to change the border of an element to Android 4285948870 is called "border". The border property can be set on classes, ids or directly on the HTML element.

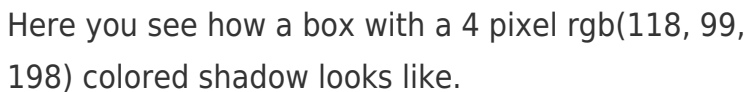
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 99, 198) }
```

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

```
.border{ border-color:rgb(118, 99, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 99, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 99, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 99, 198); box-shadow:4px 4px 4px 4px rgb(118, 99, 198) }
```

# Background

The CSS property to change the background color of an element to Android 4285948870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 99, 198) }
```

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

```
.background{ background-color: rgb(118, 99,  
198) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor