

# Converting Colors

Android(4285233770)

Have a look what the booklet for  
Android(4285233770) contains.

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# Color

**Android(4285233770)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B7A6A
RGB	107, 122, 106
RGB Percent	42%, 48%, 42%
CMY	0.5804, 0.5216, 0.5843
CMYK	0.12, 0.00, 0.13, 0.52
HSL	116°, 7%, 45%
HSV	116°, 13%, 48%
XYZ	15.6245, 18.0855, 16.3030
YIQ	115.6910, -3.8040, -8.1560

# Conversions

## Conversions Part 2

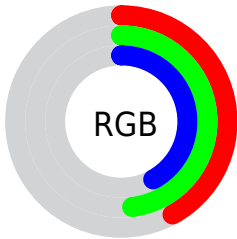
Format	Color
<b>RYB</b>	106, 122, 121
Decimal	7043690
CIELab	49.60, -8.86, 6.90
CIELCh	50, 11.228, 142.076
Yxy	18.0855, 0.3124, 0.3616
Android (android.graphics.Color)	4285233770 (0xFF6B7A6A)
YUV	115.6910, -4.7777, -7.6220
Hunter-Lab	42.5270, -8.8413, 7.0397

# Details

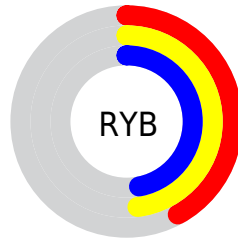
The Android color `4285233770` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `4286147194`, and the grayscale version is `4285822068`.

A 20% lighter version of the original color is `4288589469`, and `4282140987` is the 20% darker color. If you saturate the color by 10%, you get `4284512862`, and if you desaturate by 10%, it is `4285954678`.

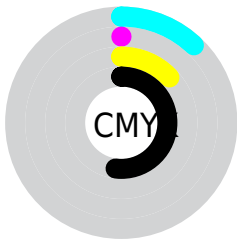
# Distribution



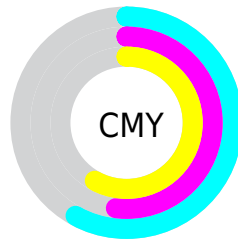
- Red (42%)
- Green (48%)
- Blue (42%)



- Red (42%)
- Yellow (48%)
- Blue (47%)



- Cyan (12%)
- Magenta (0%)
- Yellow (13%)
- Black (52%)



- Cyan (58%)
- Magenta (52%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285233770 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 4285233770 by changing the saturation by 10% instead.



 4285233770

 4285233770

4294967295

 4283654482

 4288589469

 4282140987

 4290366136

 4280693541

 4292208340

 4279377424

 4294115312

 4278190080

 4285233770

 4285233770

 4284512862

 4285954678

 4283726418


 4286741122

 4283005509

 4287462031

 4282219065

 4288248475

 4281498157

 4288969383

 4280711713

 4289755827


 4279990805

 4290476735

 4279204360

 4291263180

 4278745600

 4291984088

# Harmonies

## Analogous

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



4285954148



4285233770



4284644211

# Triad

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



4285233770



4285102217



4287262831

# Complementary

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



4285233770



4286147194

# 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.



4287131769



4285233770



4285887623

# Square

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



4285233770



4284512901



4286607746



4287066471

# Rectangle

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



4285233770



4284382330



4286607746



4287262578



# Sweetspot

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



4285233770



4288192152



4286216554



4283125579



4291809231



4283387727



# Same Dimension

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



4285233770



4287012485



4285168241



4281810231



4278746368



4279303168



# Inverse Universe

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



4286147194



4288513438



4286212723



4282201917



4285857917



4293722364



# Previews

## White Background



This preview shows how the Android color 4285233770 looks on a white background.

## Color Contrast Check

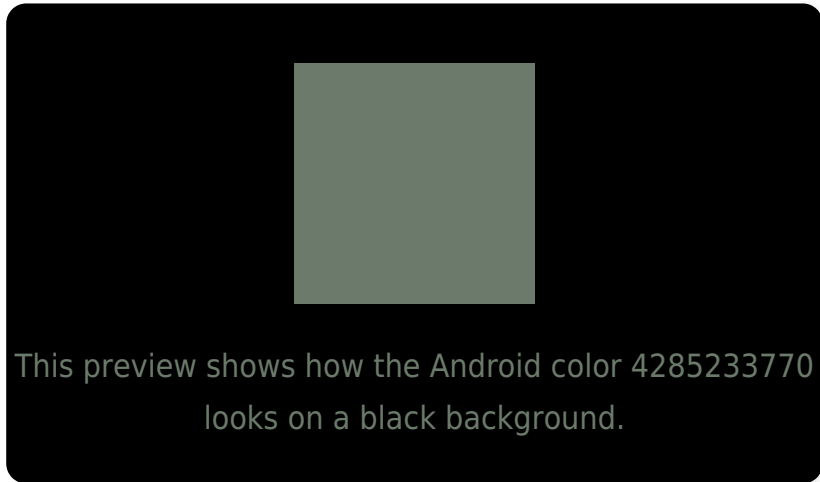
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

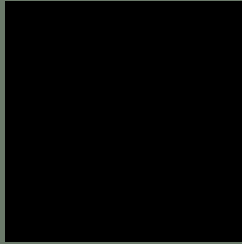
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4285233770 Background



This preview shows how black text looks on a background with the Android color 4285233770.

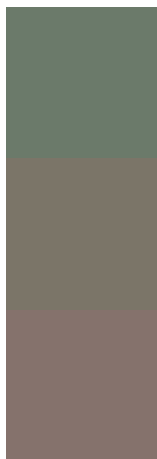


This preview shows how white text looks on a background with the Android color 4285233770.

# 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**

4285233770

**Protanopia**

4286281064

**Deuteranopia**

4286935660



**Tritanopia**  
4285495168

# Trichromacy



**Original Color**

4285233770

**Protanomaly**

4285888361

**Deuteranomaly**

4286346603

**Tritanomaly**

4285429880

# Monochromacy



**Original Color**

4285233770

**Achromatopsia**

4285822068

**Achromatomaly**

4285625968

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285233770 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(107, 122, 106)` looks like.

```
.text, #text, p{  
    color:rgb(107, 122, 106)  
}
```

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(107, 122, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 122, 106) }
```

## Border

The CSS property to change the border of an element to Android 4285233770 is called "border". The border property can be set on classes, ids or directly on the HTML element.

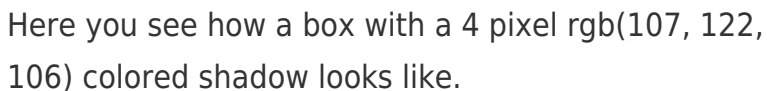
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 122, 106) }
```

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

```
.border{ border-color:rgb(107, 122, 106) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 122, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 122, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 122, 106);  
box-shadow:4px 4px 4px 4px rgb(107, 122,  
106) }
```

# Background

The CSS property to change the background color of an element to Android 4285233770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 122, 106) }
```

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

```
.background{ background-color: rgb(107,  
122, 106) }
```

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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