

# Converting Colors

Android(4285946198)

Have a look what the booklet for  
Android(4285946198) contains.

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# Color

**Android(4285946198)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	765956
RGB	118, 89, 86
RGB Percent	46%, 35%, 34%
CMY	0.5373, 0.6510, 0.6627
CMYK	0.00, 0.25, 0.27, 0.54
HSL	6°, 16%, 40%
HSV	6°, 27%, 46%
XYZ	12.7233, 11.6682, 10.3857
YIQ	97.3290, 18.2470, 5.2150

# Conversions

## Conversions Part 2

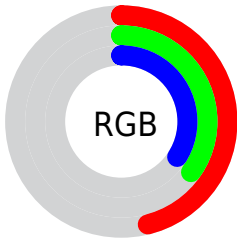
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 89, 86
Decimal	7756118
CIE Lab	40.68, 11.45, 6.35
CIE LCh	41, 13.091, 29.017
Yxy	11.6682, 0.3659, 0.3355
Android (android.graphics.Color)	4285946198 (0xFF765956)
YUV	97.3290, -5.5852, 18.1285
Hunter-Lab	34.1587, 6.7092, 5.8845

# Details

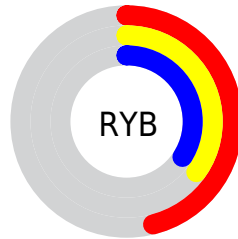
The Android color **4285946198** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4283855734**, and the grayscale version is **4284572001**.

A 20% lighter version of the original color is **4289432456**, and **4282723113** is the 20% darker color. If you saturate the color by 10%, you get **4285943370**, and if you desaturate by 10%, it is **4285949026**.

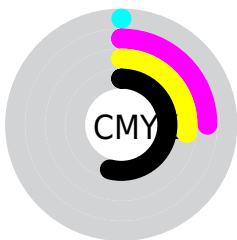
# Distribution



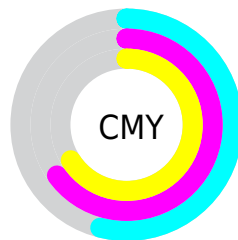
- Red (46%)
- Green (35%)
- Blue (34%)



- Red (46%)
- Yellow (35%)
- Blue (34%)



- Cyan (0%)
- Magenta (25%)
- Yellow (27%)
- Black (54%)



- Cyan (54%)
- Magenta (65%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285946198 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 4285946198 by changing the saturation by 10% instead.





4285946198



4285946198

4294967295



4284301887



4289432456



4282723113



4291208610



4281210389



4293116349



4279894016



4294958553



4278190080



4294965749



4285946198



4285946198



4285943370



4285949026



4285940798



4285951598

 4285937971

 4285954425

 4285935143

 4285957253

 4285932571

 4285959825

 4285929743

 4285962653

 4285926915

 4285965481

 4285926144

 4285968308

 4285970880

# Harmonies

## Analogous

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



4285880417



4285946198



4285619278

# Triad

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



4285946198



4283524437



4283654517

# Complementary

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



4285946198



4283855734

# 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.



4282868850



4285946198



4282869343

# Square

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



4285946198



4284310093



4282607210



4284570995

# Rectangle

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



4285946198



4285292107



4282607210



4283392629



# Sweetspot

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



4285946198



4288253581



4285945459



4283254341



4291611852



4283256141



# Same Dimension

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



4285946198



4288244583



4285950294



4282070325



4286188288



4294579968



# Inverse Universe

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



4283855734



4284978329



4283851638



4281678395



4278218618



4278248186



# Previews

## White Background



This preview shows how the Android color 4285946198 looks on a white background.

## Color Contrast Check

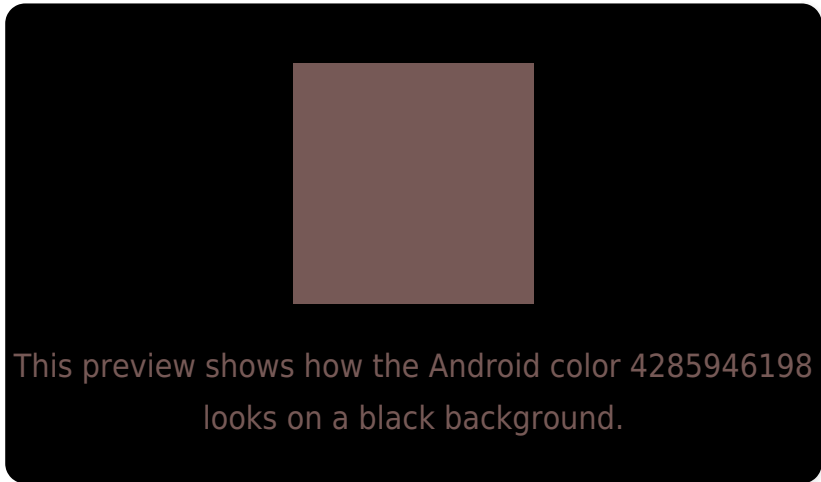
Large Text (above 18pt) WCAG AA ✓ Pass

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

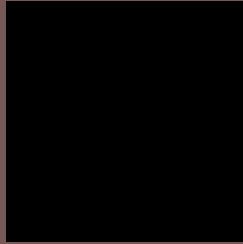
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4285946198 Background



This preview shows how black text looks on a background with the Android color 4285946198.



This preview shows how white text looks on a background with the Android color 4285946198.

# 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**


4285946198

**Protanopia**

4284702810

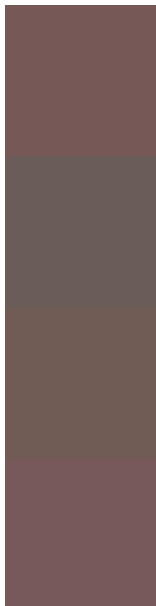
**Deuteranopia**

4285357397



**Tritanopia**  
4286011486

# Trichromacy



**Original Color**

4285946198

**Protanomaly**

4285160793

**Deuteranomaly**

4285553749

**Tritanomaly**

4286011483

# Monochromacy



**Original Color**

4285946198

**Achromatopsia**

4284572001

**Achromatomaly**

4285095517

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285946198 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, 89, 86)` looks like.

```
.text, #text, p{  
    color:rgb(118, 89, 86)  
}
```

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, 89, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 89, 86) }
```

## Border

The CSS property to change the border of an element to Android 4285946198 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, 89, 86) }
```

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

```
.border{ border-color:rgb(118, 89, 86) }
```

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

Here you see how a box with a 4 pixel rgb(118, 89, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 89, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 89, 86);  
box-shadow:4px 4px 4px 4px rgb(118, 89,  
86) }
```

# Background

The CSS property to change the background color of an element to Android 4285946198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 89, 86) }
```

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

```
.background{ background-color: rgb(118, 89,  
86) }
```

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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