

# Converting Colors

Android(4285296508)

Have a look what the booklet for  
Android(4285296508) contains.

<b>Android(4285296508)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4285296508)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C6F7C
RGB	108, 111, 124
RGB Percent	42%, 44%, 49%
CMY	0.5765, 0.5647, 0.5137
CMYK	0.13, 0.10, 0.00, 0.51
HSL	229°, 7%, 45%
HSV	229°, 13%, 49%
XYZ	15.5069, 16.0123, 21.3422
YIQ	111.5850, -5.9610, 3.4070

# Conversions

## Conversions Part 2

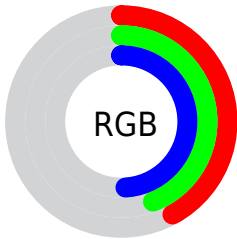
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 111, 124
Decimal	7106428
CIE Lab	46.99, 1.70, -7.57
CIE LCh	47, 7.762, 282.653
Yxy	16.0123, 0.2934, 0.3029
Android (android.graphics.Color)	4285296508 (0xFF6C6F7C)
YUV	111.5850, 6.1206, -3.1440
Hunter-Lab	40.0153, -0.8539, -3.6116

# Details

The Android color `4285296508` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `4286347628`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4288652209`, and `4282138443` is the 20% darker color. If you saturate the color by 10%, you get `4284507516`, and if you desaturate by 10%, it is `4286085500`.

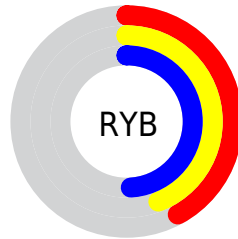
# Distribution



Red (42%)

Green (44%)

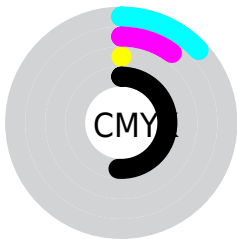
Blue (49%)



Red (42%)

Yellow (44%)

Blue (49%)

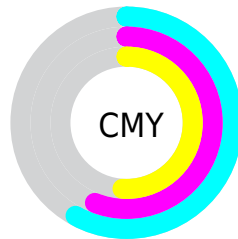


Cyan (13%)

Magenta (10%)

Yellow (0%)

Black (51%)



Cyan (58%)

Magenta (56%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285296508 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 4285296508 by changing the saturation by 10% instead.





4285296508



4285296508

4294967295



4283717475



4288652209



4282138443



4290428620



4280756789



4292270568



4279375135



4294178559



4278190086



4278190080



4285296508



4285296508



4284507516



4286085500



4283652988



4286940028

■ 4282863996

■ 4287729020

■ 4282009468

■ 4288583548

■ 4281220476

■ 4289372540

■ 4280431484

■ 4290161532

■ 4279576700

■ 4291016316

■ 4278787708

■ 4291805308

■ 4278196092

■ 4292659836

# Harmonies

## Analogous

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



4284772732



4285296508



4285820281

# Triad

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



4285296508



4286409831



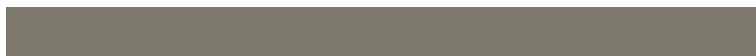
4284773227

# Complementary

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



4285296508



4286347628

# 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.



4285166182



4285296508



4286082659

# Square

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



4285296508



4286409581



4285689955



4284511090

# Rectangle

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



4285296508



4286147701



4285689955



4284904297



# Sweetspot

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



4285296508



4288322465



4285299833



4283321938



4291940817



4283585106



# Same Dimension

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



4285296508



4287204769



4285623420



4281808957



4278196093



4278202364



# Inverse Universe

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



4286344303



4288776589



4286020716



4282201912



4286382103



4294705199



# Previews

## White Background



This preview shows how the Android color 4285296508 looks on a white background.

## Color Contrast Check

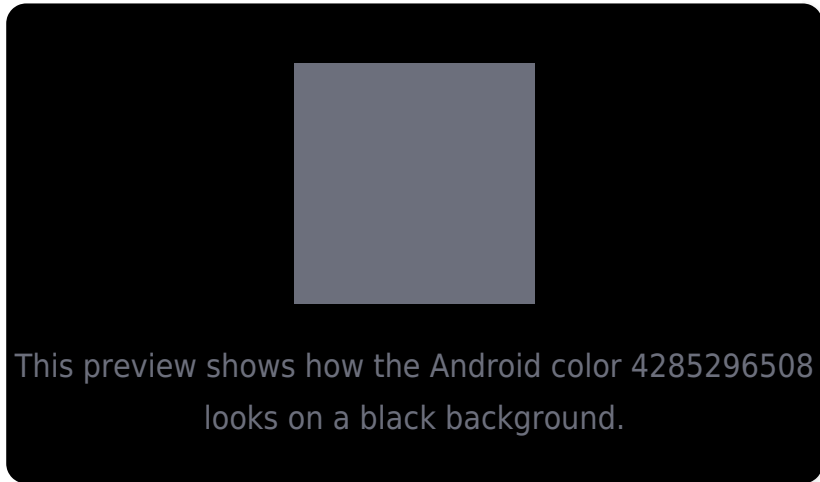
Large Text (above 18pt) WCAG AA ✓ Pass

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

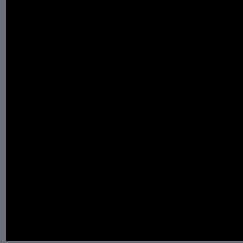
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

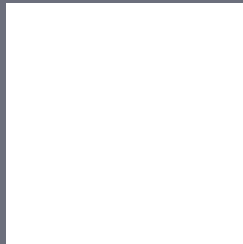
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4285296508 Background



This preview shows how black text looks on a background with the Android color 4285296508.

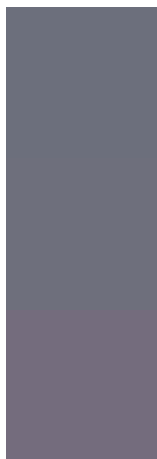


This preview shows how white text looks on a background with the Android color 4285296508.

# 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**

4285296508

**Protanopia**

4285427580

**Deuteranopia**

4285820029



# Trichromacy



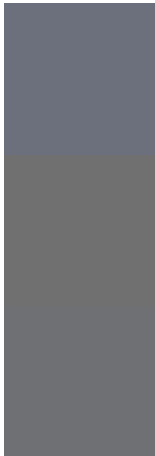
**Original Color**  
4285296508

**Protanomaly**  
4285362044

**Deuteranomaly**  
4285623677

**Tritanomaly**  
4285231225

# Monochromacy



**Original Color**  
4285296508

**Achromatopsia**  
4285558896

**Achromatomaly**  
4285493364

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285296508 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(108, 111, 124)` looks like.

```
.text, #text, p{  
    color:rgb(108, 111, 124)  
}
```

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(108, 111, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 111, 124) }
```

## Border

The CSS property to change the border of an element to Android 4285296508 is called "border". The border property can be set on classes, ids or directly on the HTML element.

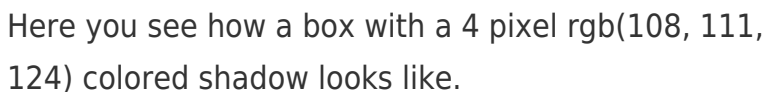
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 111, 124) }
```

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

```
.border{ border-color:rgb(108, 111, 124) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 111, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 111, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 111, 124);  
box-shadow:4px 4px 4px 4px rgb(108, 111,  
124) }
```

# Background

The CSS property to change the background color of an element to Android 4285296508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 111, 124) }
```

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

```
.background{ background-color: rgb(108,  
111, 124) }
```

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