

# Converting Colors

Android(4285233784)

Have a look what the booklet for  
Android(4285233784) contains.

<b>Android(4285233784)</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(4285233784)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B7A78
RGB	107, 122, 120
RGB Percent	42%, 48%, 47%
CMY	0.5804, 0.5216, 0.5294
CMYK	0.12, 0.00, 0.02, 0.52
HSL	172°, 7%, 45%
HSV	172°, 12%, 48%
XYZ	16.4131, 18.4009, 20.4560
YIQ	117.2870, -8.2980, -3.8020

# Conversions

## Conversions Part 2

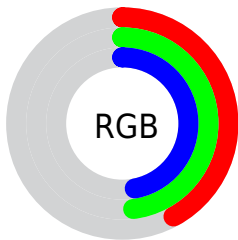
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 115, 122
Decimal	7043704
CIE <sub>Lab</sub>	49.98, -5.96, -0.79
CIE <sub>LCh</sub>	50, 6.011, 187.555
Yxy	18.4009, 0.2970, 0.3329
Android (android.graphics.Color)	4285233784 (0xFF6B7A78)
YUV	117.2870, 1.3375, -9.0217
Hunter-Lab	42.8963, -6.7704, 1.7538

# Details

The Android color `4285233784` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `4286212973`, and the grayscale version is `4285887861`.

A 20% lighter version of the original color is `4288589484`, and `4282141000` is the 20% darker color. If you saturate the color by 10%, you get `4284447350`, and if you desaturate by 10%, it is `4286020218`.

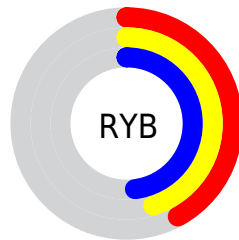
# Distribution



Red (42%)

Green (48%)

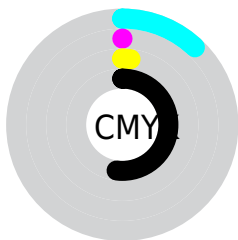
Blue (47%)



Red (42%)

Yellow (45%)

Blue (48%)

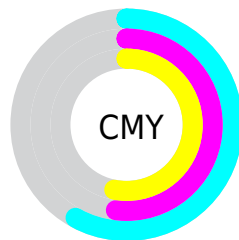


Cyan (12%)

Magenta (0%)

Yellow (2%)

Black (52%)



Cyan (58%)

Magenta (52%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285233784 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 4285233784 by changing the saturation by 10% instead.





4285233784



4285233784

4294967295



4283654495



4288589484



4282141000



4290366152



4280693553



4292208356



4279311900



4294115327



4278190082



4278190080



4285233784



4285233784



4284447350



4286020218



4283660917



4286806651

■ 4282808947

■ 4287658621

■ 4282022513

■ 4288445055

■ 4281236080

■ 4289231488

■ 4280449646

■ 4290017922

■ 4279663213

■ 4290804355

■ 4278811243

■ 4291656325

■ 4278221418

■ 4292442759

# Harmonies

## Analogous

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



4285430387



4285233784



4285233789

# Triad

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



4285233784



4286215551



4286543214

# Complementary

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



4285233784



4286212973

# 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.



4286739569



4285233784



4286542971

# Square

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



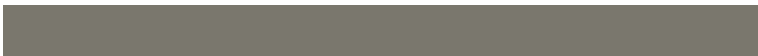
4285233784



4285757313



4286739318



4286216045

# Rectangle

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



4285233784



4285299071



4286739318



4286608750



# Sweetspot

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



4285233784



4288192157



4285364843



4283125583



4291809231



4283387727



# Same Dimension

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



4285233784



4287012507



4285232506



4281810236



4278222188



4278254811



# Inverse Universe

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



4286212973



4288579210



4286214507



4282201912



4286382097



4294705186



# Previews

## White Background



This preview shows how the Android color 4285233784 looks on a white background.

## Color Contrast Check

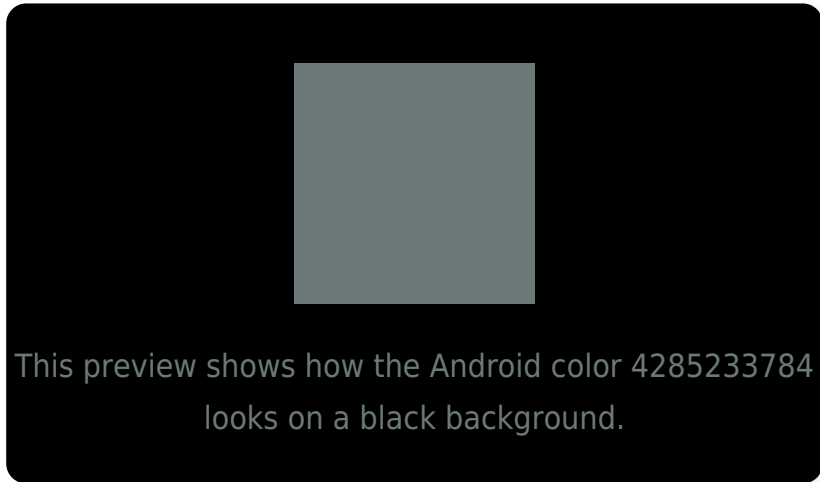
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# 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 4285233784 Background



This preview shows how black text looks on a background with the Android color 4285233784.



This preview shows how white text looks on a background with the Android color 4285233784.

# 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**

4285233784

**Protanopia**

4286150262

**Deuteranopia**

4286673785



# Trichromacy



**Original Color**

4285233784

**Protanomaly**

4285822839

**Deuteranomaly**

4286150265

**Tritanomaly**

4285299070

# Monochromacy



**Original Color**

4285233784

**Achromatopsia**

4285887861

**Achromatomaly**

4285626230

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285233784 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, 120)` looks like.

```
.text, #text, p{  
    color:rgb(107, 122, 120)  
}
```

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, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 122, 120) }
```

## Border

The CSS property to change the border of an element to Android 4285233784 is called "border". The border property can be set on classes, ids or directly on the HTML element.

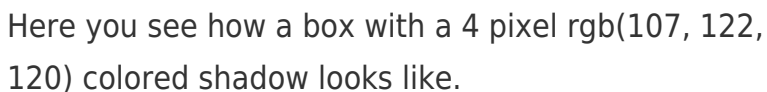
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 122, 120) }
```

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

```
.border{ border-color:rgb(107, 122, 120) }
```

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, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 122, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 122, 120);  
box-shadow:4px 4px 4px 4px rgb(107, 122,  
120) }
```

# Background

The CSS property to change the background color of an element to Android 4285233784 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, 120) }
```

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

```
.background{ background-color: rgb(107,  
122, 120) }
```

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