

# Converting Colors

Android(4286348967)

Have a look what the booklet for  
Android(4286348967) contains.

<b>Android(4286348967)</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(4286348967)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C7EA7
RGB	124, 126, 167
RGB Percent	49%, 49%, 65%
CMY	0.5137, 0.5059, 0.3451
CMYK	0.26, 0.25, 0.00, 0.35
HSL	237°, 20%, 57%
HSV	237°, 26%, 65%
XYZ	22.7481, 21.9968, 39.6061
YIQ	130.0760, -14.3530, 12.3270

# Conversions

## Conversions Part 2

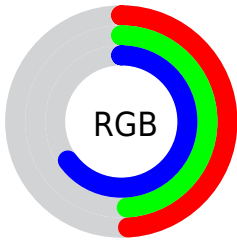
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 126, 167
Decimal	8158887
CIELab	54.02, 8.61, -22.04
CIELCh	54, 23.660, 291.341
Yxy	21.9968, 0.2697, 0.2608
Android (android.graphics.Color)	4286348967 (0xFF7C7EA7)
YUV	130.0760, 18.2035, -5.3287
Hunter-Lab	46.9008, 4.5008, -17.2378

# Details

The Android color `4286348967` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4289176956`, and the grayscale version is `4286743170`.

A 20% lighter version of the original color is `4289835998`, and `4283059571` is the 20% darker color. If you saturate the color by 10%, you get `4285230759`, and if you desaturate by 10%, it is `4287467175`.

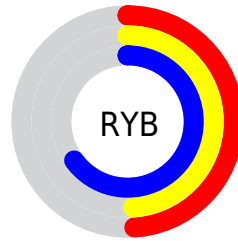
# Distribution



Red (49%)

Green (49%)

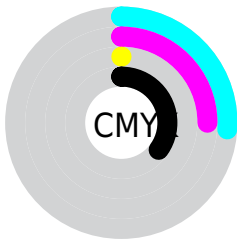
Blue (65%)



Red (49%)

Yellow (49%)

Blue (65%)

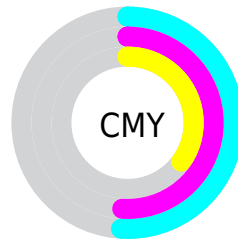


Cyan (26%)

Magenta (25%)

Yellow (0%)

Black (35%)



Cyan (51%)

Magenta (51%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286348967 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 4286348967 by changing the saturation by 10% instead.



■ 4286348967

■ 4286348967

4294967295

■ 4284704141

■ 4289835998

■ 4283059571

■ 4291677947

■ 4281480794

■ 4293520127

■ 4279968067

■ 4278520620

■ 4278190359

■ 4278190080

■ 4286348967

■ 4286348967

■ 4285230759

■ 4287467175

4284178087

4288519847

4283059879

4289638055

4281941671

4290756263

4280888999

4291808935

4279770791

4292927143

4278652839

4294045095

4278192295

4294966695

4294967207

# Harmonies

## Analogous

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



4284384681



4286348967



4287985563

# Triad

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



4286348967



4288968546



4283599994

# Complementary

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



4286348967



4289176956

# 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.



4285106535



4286348967



4287987289

# Square

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



4286348967



4289360755



4286678107



4282551439

# Rectangle

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



4286348967



4288771215



4286678107



4284058483



# Sweetspot

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



4286348967



4291283161



4286359461



4284703598



4293783021



4285427310



# Same Dimension

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



4286348967



4288059865



4287593639



4283190356



4278192020



4278190356



# Inverse Universe

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



4289166462



4292449945



4287932284



4283714636



4287889415



4279500801



# Previews

## White Background



This preview shows how the Android color 4286348967 looks on a white background.

## Color Contrast Check

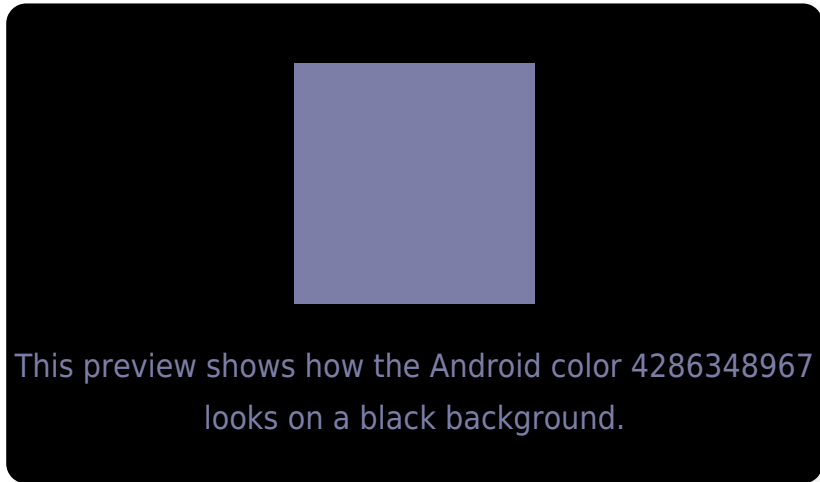
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286348967 Background



This preview shows how black text looks on a background with the Android color 4286348967.



This preview shows how white text looks on a background with the Android color 4286348967.

# 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**  
4286348967

**Protanopia**  
4285956264

**Deuteranopia**  
4286152615



# Trichromacy



**Original Color**  
4286348967

**Protanomaly**  
4286087080

**Deuteranomaly**  
4286218151

**Tritanomaly**  
4286153110

# Monochromacy



**Original Color**  
4286348967

**Achromatopsia**  
4286743170

**Achromatomaly**  
4286611855

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286348967 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(124, 126, 167)` looks like.

```
.text, #text, p{  
    color:rgb(124, 126, 167)  
}
```

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(124, 126, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 126, 167) }
```

## Border

The CSS property to change the border of an element to Android 4286348967 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(124, 126, 167) }
```

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

```
.border{ border-color:rgb(124, 126, 167) }
```

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

Here you see how a box with a 4 pixel rgb(124, 126, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 126, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 126, 167);  
box-shadow:4px 4px 4px 4px rgb(124, 126,  
167) }
```

# Background

The CSS property to change the background color of an element to Android 4286348967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 126, 167) }
```

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

```
.background{ background-color: rgb(124,  
126, 167) }
```

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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