

# Converting Colors

Android(4287065968)

Have a look what the booklet for  
Android(4287065968) contains.

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# Color

**Android(4287065968)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 876F70                    |
| RGB           | 135, 111, 112             |
| RGB Percent   | 53%, 44%, 44%             |
| CMY           | 0.4706, 0.5647, 0.5608    |
| CMYK          | 0.00, 0.18, 0.17, 0.47    |
| HSL           | 358°, 10%, 48%            |
| HSV           | 358°, 18%, 53%            |
| XYZ           | 18.6007, 17.6896, 17.7633 |
| YIQ           | 118.2900, 13.9830, 5.3990 |

# Conversions

## Conversions Part 2

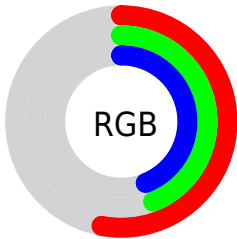
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 135, 111, 112                 |
| Decimal                             | 8875888                       |
| CIE <sub>Lab</sub>                  | 49.12, 9.61, 2.99             |
| CIE <sub>LCh</sub>                  | 49, 10.066, 17.272            |
| Yxy                                 | 17.6896, 0.3441,<br>0.3273    |
| Android<br>(android.graphics.Color) | 4287065968<br>(0xFF876F70)    |
| YUV                                 | 118.2900, -3.1010,<br>14.6547 |
| Hunter-Lab                          | 42.0590, 5.3389,<br>4.4007    |

# Details

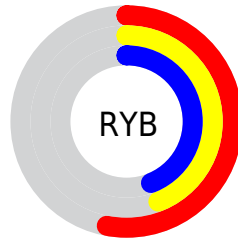
The Android color `4287065968` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `4285499270`, and the grayscale version is `4285953654`.

A 20% lighter version of the original color is `4290618276`, and `4283776832` is the 20% darker color. If you saturate the color by 10%, you get `4287062627`, and if you desaturate by 10%, it is `4287069565`.

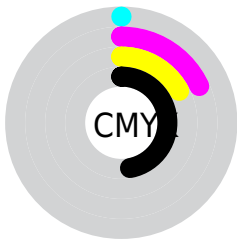
# Distribution



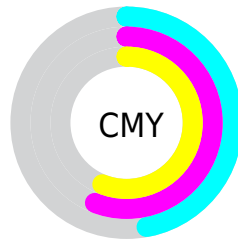
- Red (53%)
- Green (44%)
- Blue (44%)



- Red (53%)
- Yellow (44%)
- Blue (44%)



- Cyan (0%)
- Magenta (18%)
- Yellow (17%)
- Black (47%)



- Cyan (47%)
- Magenta (56%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287065968 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 4287065968 by changing the saturation by 10% instead.





4287065968



4287065968

4294967295



4285355864



4290618276



4283776832



4292394687



4282198314



4294302427



4280751382



4294964983



4279173120



4278190080



4287065968



4287065968



4287062627



4287069565



4287059030



4287072906

■ 4287055433

■ 4287076503

■ 4287052092

■ 4287079844

■ 4287048751

■ 4287083441

■ 4287045154

■ 4287086782

■ 4287041813

■ 4287090379

■ 4287038216

■ 4287093720

■ 4287037446

■ 4287097316

# Harmonies

## Analogous

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



4286869369



4287065968



4286935145

# Triad

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



4287065968



4285364329



4284970885

# Complementary

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



4287065968



4285499270

# 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.



4284512641



4287065968



4284775025

# Square

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



4287065968



4285953636



4284447353



4285691013

# Rectangle

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



4287065968



4286739045



4284447353



4284774276



# Sweetspot

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



4287065968



4289767336



4287000455



4284044372



4292467161



4284045657



# Same Dimension

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



4287065968



4289760141



4287068783



4282530876



4286709765



4278386688



# Inverse Universe

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



4287065968



4289760141



4285496455



4282530876



4286709765



4278386688



# Previews

## White Background



This preview shows how the Android color 4287065968 looks on a white background.

## Color Contrast Check

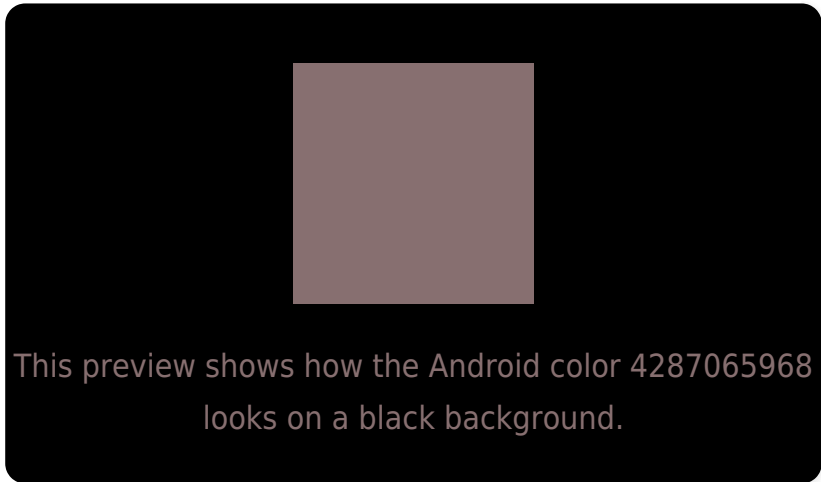
Large Text (above 18pt) WCAG AA ✓ Pass

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

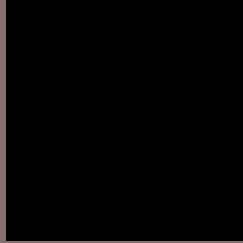
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4287065968 Background



This preview shows how black text looks on a background with the Android color 4287065968.



This preview shows how white text looks on a background with the Android color 4287065968.

# 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**


4287065968

**Protanopia**

4286018675

**Deuteranopia**

4286738800



**Tritanopia**  
4287131255

# Trichromacy



**Original Color**  
4287065968

**Protanomaly**  
4286411378

**Deuteranomaly**  
4286869616

**Tritanomaly**  
4287131252

# Monochromacy



**Original Color**  
4287065968

**Achromatopsia**  
4285953654

**Achromatomaly**  
4286346100

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287065968 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(135, 111, 112)` looks like.

```
.text, #text, p{  
    color:rgb(135, 111, 112)  
}
```

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(135, 111, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 111, 112) }
```

## Border

The CSS property to change the border of an element to Android 4287065968 is called "border". The border property can be set on classes, ids or directly on the HTML element.

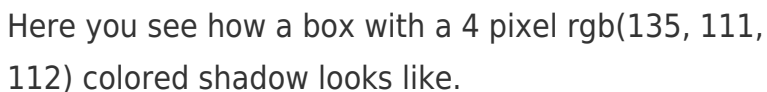
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 111, 112) }
```

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

```
.border{ border-color:rgb(135, 111, 112) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 111, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 111, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 111, 112); box-shadow:4px 4px 4px 4px rgb(135, 111, 112) }
```

# Background

The CSS property to change the background color of an element to Android 4287065968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 111, 112) }
```

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

```
.background{ background-color: rgb(135,  
111, 112) }
```

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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