

# Converting Colors

Android(4284772201)

Have a look what the booklet for  
Android(4284772201) contains.

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# Color

**Android(4284772201)**

# Conversions

## Conversions Part 1

Format	Color
Hex	646F69
RGB	100, 111, 105
RGB Percent	39%, 44%, 41%
CMY	0.6078, 0.5647, 0.5882
CMYK	0.10, 0.00, 0.05, 0.56
HSL	147°, 5%, 41%
HSV	147°, 10%, 44%
XYZ	13.4898, 15.0981, 15.5678
YIQ	107.0270, -4.6300, -4.1980

# Conversions

## Conversions Part 2

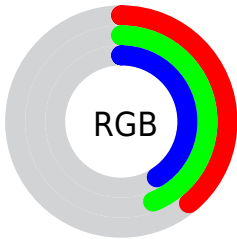
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 108, 111
Decimal	6582121
CIE <sub>Lab</sub>	45.77, -5.43, 1.92
CIE <sub>LCh</sub>	46, 5.760, 160.570
Yxy	15.0981, 0.3055, 0.3419
Android (android.graphics.Color)	4284772201 (0xFF646F69)
YUV	107.0270, -0.9993, -6.1627
Hunter-Lab	38.8563, -6.0286, 3.4448

# Details

The Android color `4284772201` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `4285490282`, and the grayscale version is `4285229931`.

A 20% lighter version of the original color is `4288127900`, and `4281679674` is the 20% darker color. If you saturate the color by 10%, you get `4284051299`, and if you desaturate by 10%, it is `4285493103`.

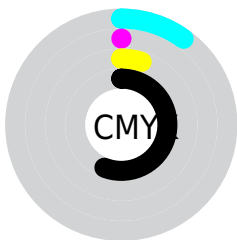
# Distribution



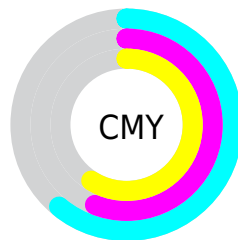
- Red (39%)
- Green (44%)
- Blue (41%)



- Red (39%)
- Yellow (42%)
- Blue (44%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (56%)



- Cyan (61%)
- Magenta (56%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284772201 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 4284772201 by changing the saturation by 10% instead.





4284772201



4284772201

4294967295



4283193169



4288127900



4281679674



4289904311



4280297764



4291680723



4278785295



4293523183



4278190080



4284772201



4284772201



4284051299



4285493103



4283330397



4286214005




4282609495



4286934907

 4281888593

 4287655809

 4281167691

 4288376711

 4280381253

 4289163149


 4279660351

 4289884051

 4278939449

 4290604953

 4278218547

 4291325855

# Harmonies

## Analogous

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



4285099621



4284772201



4284575598

# Triad

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



4284772201



4285164662



4285950566

# Complementary

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



4284772201



4285490282

# 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.



4286015851



4284772201



4285492084

# Square

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



4284772201



4284771957



4285819248



4285754211

# Rectangle

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



4284772201



4284575601



4285819248



4286015848



# Sweetspot

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



4284772201



4287467919



4285165412



4282862152



4291414473



4283058762



# Same Dimension

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



4284772201



4286615944



4284772206



4281481269



4278220854



4278253424



# Inverse Universe

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



4285490282



4287725705



4285490277



4281872950



4286054465



4294377607



# Previews

## White Background



This preview shows how the Android color 4284772201 looks on a white background.

## Color Contrast Check

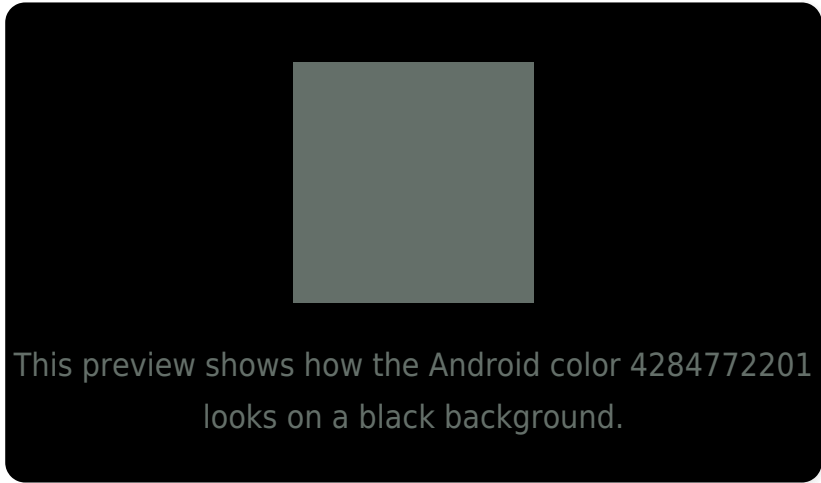
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284772201 Background



This preview shows how black text looks on a background with the Android color 4284772201.



This preview shows how white text looks on a background with the Android color 4284772201.

# 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**

4284772201

**Protanopia**

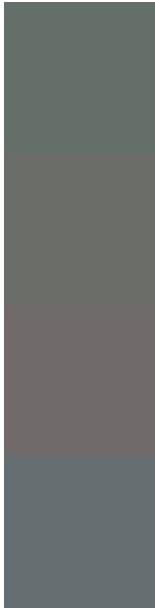
4285492327

**Deuteranopia**

4286015850



# Trichromacy



**Original Color**

4284772201

**Protanomaly**

4285230440

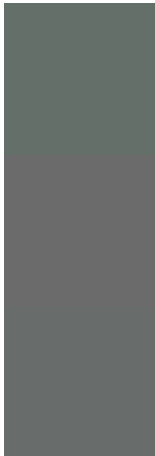
**Deuteranomaly**

4285557610

**Tritanomaly**

4284837489

# Monochromacy



**Original Color**

4284772201

**Achromatopsia**

4285229931

**Achromatomaly**

4285033578

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284772201 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(100, 111, 105)` looks like.

```
.text, #text, p{  
    color:rgb(100, 111, 105)  
}
```

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(100, 111, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 111, 105) }
```

## Border

The CSS property to change the border of an element to Android 4284772201 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(100, 111, 105) }
```

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

```
.border{ border-color:rgb(100, 111, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 111, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 111, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 111, 105);  
box-shadow:4px 4px 4px 4px rgb(100, 111,  
105) }
```

# Background

The CSS property to change the background color of an element to Android 4284772201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 111, 105) }
```

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

```
.background{ background-color: rgb(100,  
111, 105) }
```

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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