

# Converting Colors

Android(4284968872)

Have a look what the booklet for  
Android(4284968872) contains.

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# Color

**Android(4284968872)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	676FA8
RGB	103, 111, 168
RGB Percent	40%, 44%, 66%
CMY	0.5961, 0.5647, 0.3412
CMYK	0.39, 0.34, 0.00, 0.34
HSL	233°, 27%, 53%
HSV	233°, 39%, 66%
XYZ	18.3458, 17.0796, 39.3755
YIQ	115.1060, -23.0650, 16.0310

# Conversions

## Conversions Part 2

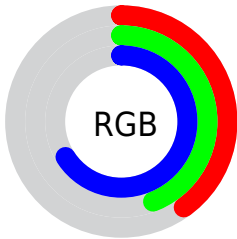
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 110, 168
Decimal	6778792
CIE <sub>Lab</sub>	48.36, 11.54, -31.52
CIE <sub>LCh</sub>	48, 33.572, 290.113
Yxy	17.0796, 0.2453, 0.2283
Android (android.graphics.Color)	4284968872 (0xFF676FA8)
YUV	115.1060, 26.0767, -10.6170
Hunter-Lab	41.3275, 6.9156, -27.5605

# Details

The Android color `4284968872` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4289241191`, and the grayscale version is `4285756275`.

A 20% lighter version of the original color is `4288455391`, and `4281614452` is the 20% darker color. If you saturate the color by 10%, you get `4283850920`, and if you desaturate by 10%, it is `4286086824`.

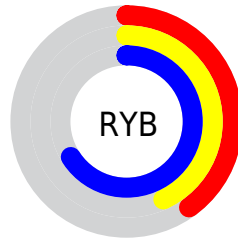
# Distribution



Red (40%)

Green (44%)

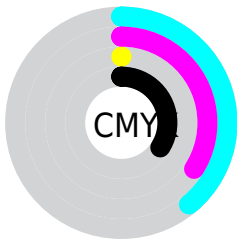
Blue (66%)



Red (40%)

Yellow (43%)

Blue (66%)

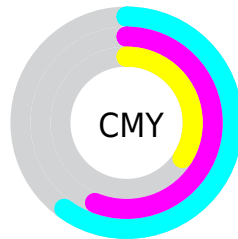


Cyan (39%)

Magenta (34%)

Yellow (0%)

Black (34%)



Cyan (60%)

Magenta (56%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284968872 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 4284968872 by changing the saturation by 10% instead.





4284968872



4284968872

4294967295



4283258765



4288455391



4281614452



4290297596



4279839323



4292139519



4278195779



4294047487



4278190125



4278190359



4278190080



4284968872



4284968872



4283850920



4286086824

■ 4282733224

■ 4287204520

■ 4281680808

■ 4288256936

■ 4280562856

■ 4289374888

■ 4279444904

■ 4290492840

■ 4278327208

■ 4291610536

■ 4278195624

■ 4292728488

■ 4293780904

■ 4294898856

# Harmonies

## Analogous

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



4281301418



4284968872



4287456407

# Triad

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



4284968872



4288701512



4280582504

# Complementary

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



4284968872



4289241191

# 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.



4283530829



4284968872



4287458874

# Square

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



4284968872



4289289569



4285626172



4278223237

# Rectangle

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



4284968872



4288569223



4285626172



4281761887



# Sweetspot

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



4284968872



4290888923



4284983455



4284375150



4293783021



4285427310



# Same Dimension

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



4284968872



4285957083



4286539688



4283190612



4278194836



4278190868



# Inverse Universe

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



4289226607



4292572803



4287670375



4283714637



4287889426

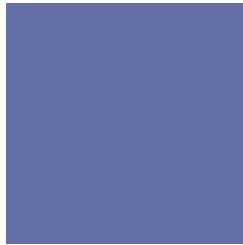


4279500803



# Previews

## White Background



This preview shows how the Android color 4284968872 looks on a white background.

## Color Contrast Check

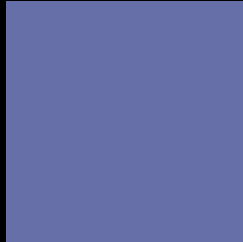
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4284968872 looks on a 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 4284968872 Background



This preview shows how black text looks on a background with the Android color 4284968872.



This preview shows how white text looks on a background with the Android color 4284968872.

# 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**

4284968872

**Protanopia**

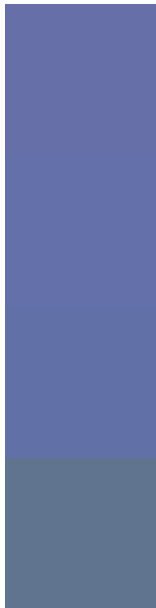
4284510633

**Deuteranopia**

4284314279



# Trichromacy



**Original Color**  
4284968872

**Protanomaly**  
4284706985

**Deuteranomaly**  
4284576167

**Tritanomaly**  
4284576911

# Monochromacy



**Original Color**  
4284968872

**Achromatopsia**  
4285756275

**Achromatomaly**  
4285493894

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284968872 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(103, 111, 168)` looks like.

```
.text, #text, p{  
    color:rgb(103, 111, 168)  
}
```

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(103, 111, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 111, 168) }
```

## Border

The CSS property to change the border of an element to Android 4284968872 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(103, 111, 168) }
```

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

```
.border{ border-color:rgb(103, 111, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 111, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 111, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 111, 168);  
box-shadow:4px 4px 4px 4px rgb(103, 111,  
168) }
```

# Background

The CSS property to change the background color of an element to Android 4284968872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 111, 168) }
```

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

```
.background{ background-color: rgb(103,  
111, 168) }
```

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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