

# Converting Colors

Android(4285098888)

Have a look what the booklet for  
Android(4285098888) contains.

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# Color

**Android(4285098888)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	696B88
RGB	105, 107, 136
RGB Percent	41%, 42%, 53%
CMY	0.5882, 0.5804, 0.4667
CMYK	0.23, 0.21, 0.00, 0.47
HSL	236°, 13%, 47%
HSV	236°, 23%, 53%
XYZ	15.5273, 15.2962, 25.4266
YIQ	109.7080, -10.5010, 8.5950

# Conversions

## Conversions Part 2

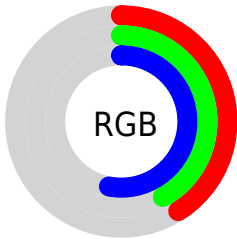
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 107, 136
Decimal	6908808
CIE Lab	46.04, 5.93, -16.20
CIE LCh	46, 17.251, 290.103
Yxy	15.2962, 0.2760, 0.2719
Android (android.graphics.Color)	4285098888 (0xFF696B88)
YUV	109.7080, 12.9620, -4.1289
Hunter-Lab	39.1104, 2.4236, -11.1686

# Details

The Android color `4285098888` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4287137385`, and the grayscale version is `4285427310`.

A 20% lighter version of the original color is `4288519869`, and `4281941078` is the 20% darker color. If you saturate the color by 10%, you get `4284178056`, and if you desaturate by 10%, it is `4286019720`.

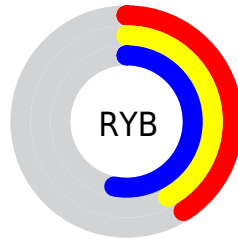
# Distribution



Red (41%)

Green (42%)

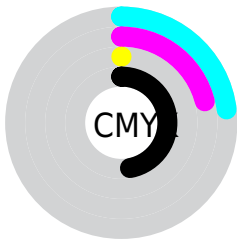
Blue (53%)



Red (41%)

Yellow (42%)

Blue (53%)

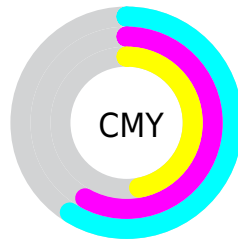


Cyan (23%)

Magenta (21%)

Yellow (0%)

Black (47%)



Cyan (59%)

Magenta (58%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285098888 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 4285098888 by changing the saturation by 10% instead.



■ 4285098888

■ 4285098888

4294967295

■ 4283519855

■ 4288519869

■ 4281941078

■ 4290296281

■ 4280493631

■ 4292072950

■ 4279046697

■ 4293980671

■ 4278190356

■ 4278190080

■ 4285098888

■ 4285098888

■ 4284178056

■ 4286019720

■ 4283323016

■ 4286874760

■ 4282402184

■ 4287795592

■ 4281546888

■ 4288650888

■ 4280626056

■ 4289571720

■ 4279705480

■ 4290492296

■ 4278850184

■ 4291347592

■ 4278192520

■ 4292268424

■ 4293123720

# Harmonies

## Analogous

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



4283789449



4285098888



4286277248

# Triad

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



4285098888



4287063639



4283331944

# Complementary

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



4285098888



4287137385

# 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.



4284314458



4285098888



4286343761

# Square

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



4285098888



4287325028



4285427538



4282676598

# Rectangle

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



4285098888



4286866551



4285427538



4283593827



# Sweetspot

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



4285098888



4288980144



4285106310



4283585369



4292467161



4284045657



# Same Dimension

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



4285098888



4286612656



4285950344



4282269253



4278192517



4278190085



# Inverse Universe

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



4287129963



4289757316



4286285929



4282727998



4286906377



4278517760



# Previews

## White Background



This preview shows how the Android color 4285098888 looks on a white background.

## Color Contrast Check

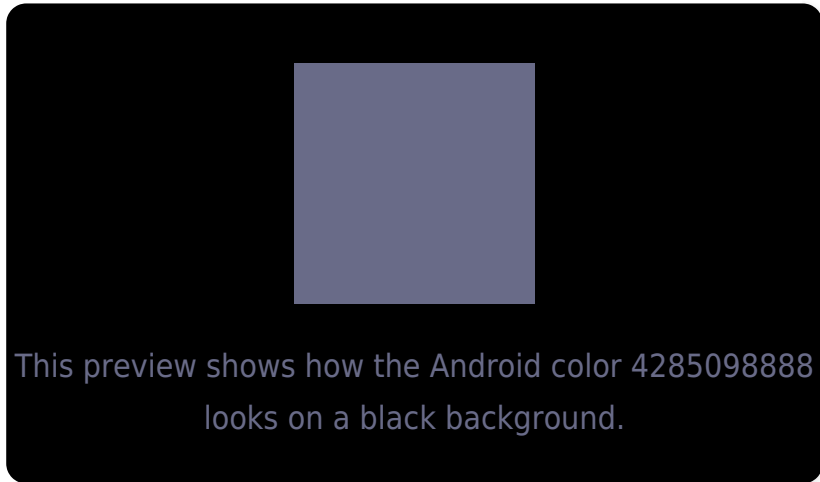
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285098888 Background



This preview shows how black text looks on a background with the Android color 4285098888.



This preview shows how white text looks on a background with the Android color 4285098888.

# 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**

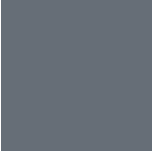
4285098888

**Protanopia**

4284902537

**Deuteranopia**

4285164424



**Tritanopia**  
4284903031

# Trichromacy



**Original Color**  
4285098888

**Protanomaly**  
4284968073

**Deuteranomaly**  
4285164424

**Tritanomaly**  
4284968317

# Monochromacy



**Original Color**  
4285098888

**Achromatopsia**  
4285427310

**Achromatomaly**  
4285295991

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285098888 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(105, 107, 136)` looks like.

```
.text, #text, p{  
    color:rgb(105, 107, 136)  
}
```

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(105, 107, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 107, 136) }
```

## Border

The CSS property to change the border of an element to Android 4285098888 is called "border". The border property can be set on classes, ids or directly on the HTML element.

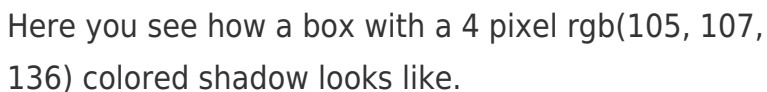
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 107, 136) }
```

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

```
.border{ border-color:rgb(105, 107, 136) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 107, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 107, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 107, 136);  
box-shadow:4px 4px 4px 4px rgb(105, 107,  
136) }
```

# Background

The CSS property to change the background color of an element to Android 4285098888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 107, 136) }
```

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

```
.background{ background-color: rgb(105,  
107, 136) }
```

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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