

# Converting Colors

Android(4285035666)

Have a look what the booklet for  
Android(4285035666) contains.

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# Color

**Android(4285035666)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	687492
RGB	104, 116, 146
RGB Percent	41%, 45%, 57%
CMY	0.5922, 0.5451, 0.4275
CMYK	0.29, 0.21, 0.00, 0.43
HSL	223°, 17%, 49%
HSV	223°, 29%, 57%
XYZ	17.1426, 17.5092, 29.6702
YIQ	115.8320, -16.7820, 6.7860

# Conversions

## Conversions Part 2

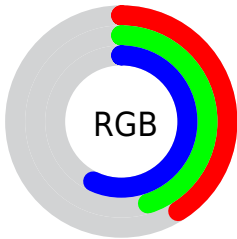
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 113, 146
Decimal	6845586
CIELab	48.90, 2.78, -17.77
CIElCh	49, 17.991, 278.881
Yxy	17.5092, 0.2665, 0.2722
Android (android.graphics.Color)	4285035666 (0xFF687492)
YUV	115.8320, 14.8728, -10.3767
Hunter-Lab	41.8439, -0.0991, -12.7499

# Details

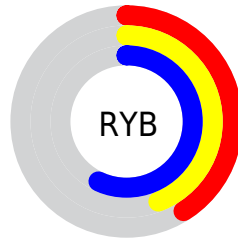
The Android color `4285035666` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4287792744`, and the grayscale version is `4285822068`.

A 20% lighter version of the original color is `4288456904`, and `4281812063` is the 20% darker color. If you saturate the color by 10%, you get `4284050066`, and if you desaturate by 10%, it is `4286021266`.

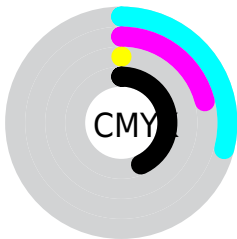
# Distribution



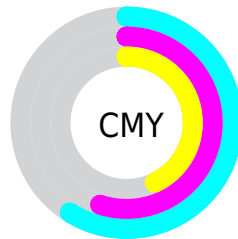
- Red (41%)
- Green (45%)
- Blue (57%)



- Red (41%)
- Yellow (44%)
- Blue (57%)



- Cyan (29%)
- Magenta (21%)
- Yellow (0%)
- Black (43%)



- Cyan (59%)
- Magenta (55%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285035666 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 4285035666 by changing the saturation by 10% instead.





4285035666



4285035666

4294967295



4283390840



4288456904



4281812063



4290233316



4280299080



4292075519



4278720817



4293917951



4278190620



4278190080



4285035666



4285035666



4284050066



4286021266



4283129746



4286941586

■ 4282144146

■ 4287927186

■ 4281223826

■ 4288847506

■ 4280238226

■ 4289833106

■ 4279252370

■ 4290818962

■ 4278332306

■ 4291739026

■ 4278200978

■ 4292724626

■ 4293644946

# Harmonies

## Analogous

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



4283726224



4285035666



4286345100

# Triad

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



4285035666



4287785826



4284054633

# Complementary

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



4285035666



4287792744

# 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.



4285167964



4285035666



4287197272

# Square

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



4285035666



4287850864



4286281046



4283202936

# Rectangle

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



4285035666



4287065220



4286281046



4284382052



# Sweetspot

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



4285035666



4289507773



4285043333



4283717470



4292796126



4284374622



# Same Dimension

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



4285035666



4286287549



4285556882



4282598730



4278200202



4278190858



# Inverse Universe

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



4287785076



4290608014



4287271528



4283056965



4287234087



4278845443



# Previews

## White Background



This preview shows how the Android color 4285035666 looks on a white background.

## Color Contrast Check

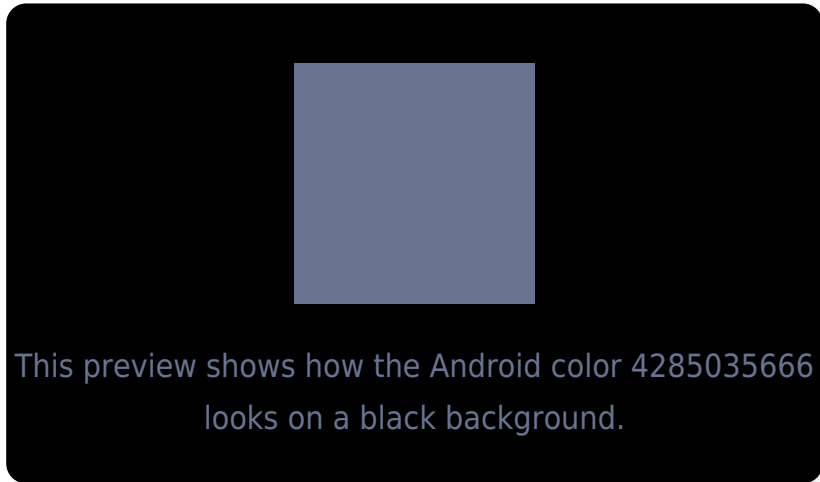
Large Text (above 18pt) WCAG AA ✓ Pass

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

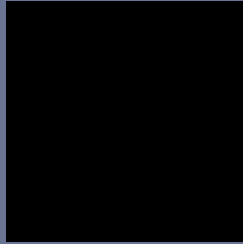
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

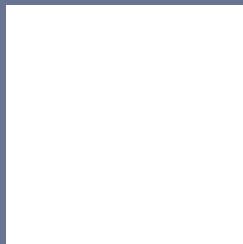
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4285035666 Background



This preview shows how black text looks on a background with the Android color 4285035666.

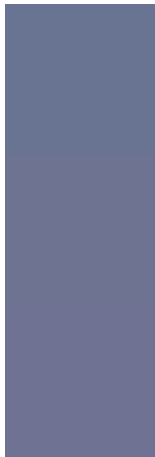


This preview shows how white text looks on a background with the Android color 4285035666.

# 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**  
4285035666

**Protanopia**  
4285363089

**Deuteranopia**  
4285493906



# Trichromacy



**Original Color**

4285035666

**Protanomaly**

4285232017

**Deuteranomaly**

4285297554

**Tritanomaly**

4284839559

# Monochromacy



**Original Color**

4285035666

**Achromatopsia**

4285822068

**Achromatomaly**

4285559935

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285035666 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(104, 116, 146)` looks like.

```
.text, #text, p{  
    color:rgb(104, 116, 146)  
}
```

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(104, 116, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 116, 146) }
```

## Border

The CSS property to change the border of an element to Android 4285035666 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(104, 116, 146) }
```

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

```
.border{ border-color:rgb(104, 116, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 116, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 116, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 116, 146);  
box-shadow:4px 4px 4px 4px rgb(104, 116,  
146) }
```

# Background

The CSS property to change the background color of an element to Android 4285035666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 116, 146) }
```

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

```
.background{ background-color: rgb(104,  
116, 146) }
```

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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