

# Converting Colors

Android(4285040019)

Have a look what the booklet for  
Android(4285040019) contains.

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# Color

**Android(4285040019)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	688593
RGB	104, 133, 147
RGB Percent	41%, 52%, 58%
CMY	0.5922, 0.4784, 0.4235
CMYK	0.29, 0.10, 0.00, 0.42
HSL	200°, 17%, 49%
HSV	200°, 29%, 58%
XYZ	19.3629, 21.8247, 30.7958
YIQ	125.9250, -21.7780, -1.7940

# Conversions

## Conversions Part 2

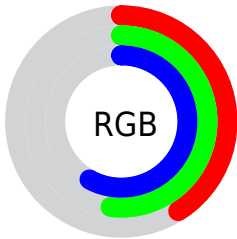
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">104, 121, 147</a>
Decimal	<a href="#">6849939</a>
CIELab	<a href="#">53.84, -6.83, -10.87</a>
CIELCh	<a href="#">54, 12.838, 237.839</a>
Yxy	<a href="#">21.8247, 0.2690, 0.3032</a>
Android (android.graphics.Color)	<a href="#">4285040019 (0xFF688593)</a>
YUV	<a href="#">125.9250, 10.3900, -19.2282</a>
Hunter-Lab	<a href="#">46.7169, -7.7711, -6.3822</a>

# Details

The Android color `4285040019` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `4287854184`, and the grayscale version is `4286479998`.

A 20% lighter version of the original color is `4288461513`, and `4281816160` is the 20% darker color. If you saturate the color by 10%, you get `4284055699`, and if you desaturate by 10%, it is `4286024339`.

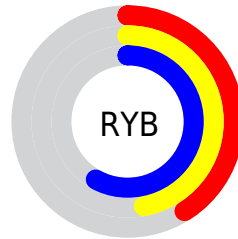
# Distribution



Red (41%)

Green (52%)

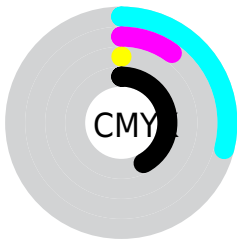
Blue (58%)



Red (41%)

Yellow (47%)

Blue (58%)

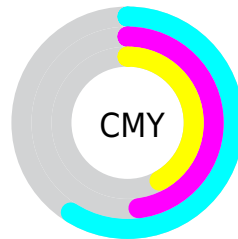


Cyan (29%)

Magenta (10%)

Yellow (0%)

Black (42%)



Cyan (59%)

Magenta (48%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285040019 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 4285040019 by changing the saturation by 10% instead.



 4285040019

 4285040019

4294967295

 4283395193

 4288461513

 4281816160

 4290238181

 4280237129

 4292080383

 4278593330

 4293984255

 4278194717

 4278190081

 4278190080

 4285040019

 4285040019

 4284055699

 4286024339

■ 4283136915

■ 4286943123

■ 4282152851

■ 4287927187

■ 4281168531

■ 4288911507

■ 4280184211

■ 4289895827

■ 4279265427

■ 4290814611

■ 4278281107

■ 4291798931

■ 4278215571

■ 4292782995

■ 4293701779

# Harmonies

## Analogous

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



4284778379



4285040019



4285760151

# Triad

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



4285040019



4288051586



4286481261

# Complementary

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



4285040019



4287854184

# 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.



4287266923



4285040019



4288182903

# Square

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



4285040019



4287527821



4287921262



4285695605

# Rectangle

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



4285040019



4286414742



4287921262



4286743148



# Sweetspot

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



4285040019



4289641151



4285043574



4283850081



4292927712



4284572001



# Same Dimension

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



4285040019



4286359999



4285034643



4282599498



4278214026



4278191882



# Inverse Universe

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



4287850629



4290739369



4287859560



4283056968



4287234141



4278845447



# Previews

## White Background



This preview shows how the Android color 4285040019 looks on a white background.

## Color Contrast Check

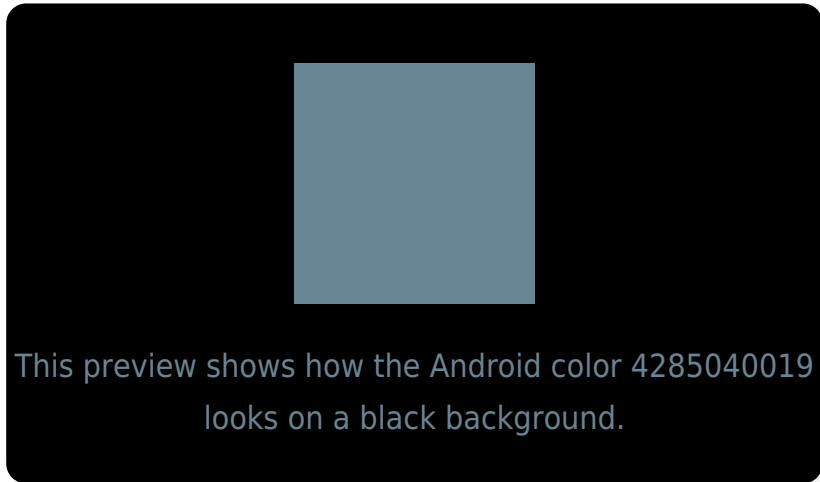
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# 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

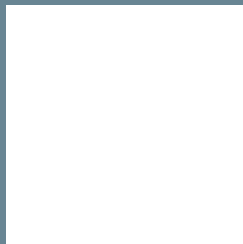
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4285040019 Background



This preview shows how black text looks on a background with the Android color 4285040019.



This preview shows how white text looks on a background with the Android color 4285040019.

# 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**  
4285040019

**Protanopia**  
4286480271

**Deuteranopia**  
4286807445



# Trichromacy



**Original Color**  
4285040019

**Protanomaly**  
4285956496

**Deuteranomaly**  
4286152852

**Tritanomaly**  
4284974481

# Monochromacy



**Original Color**  
4285040019

**Achromatopsia**  
4286479998

**Achromatomaly**  
4285956486

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285040019 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, 133, 147)` looks like.

```
.text, #text, p{  
    color:rgb(104, 133, 147)  
}
```

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, 133, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 133, 147) }
```

## Border

The CSS property to change the border of an element to Android 4285040019 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, 133, 147) }
```

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

```
.border{ border-color:rgb(104, 133, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 133, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 133, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 133, 147);  
box-shadow:4px 4px 4px 4px rgb(104, 133,  
147) }
```

# Background

The CSS property to change the background color of an element to Android 4285040019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 133, 147) }
```

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

```
.background{ background-color: rgb(104,  
133, 147) }
```

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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