

# Converting Colors

Android(4286603419)

Have a look what the booklet for  
Android(4286603419) contains.

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# Color

**Android(4286603419)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	80609B
RGB	128, 96, 155
RGB Percent	50%, 38%, 61%
CMY	0.4980, 0.6235, 0.3922
CMYK	0.17, 0.38, 0.00, 0.39
HSL	273°, 24%, 49%
HSV	273°, 38%, 61%
XYZ	19.0014, 15.3215, 32.9662
YIQ	112.2940, 0.1330, 25.1330

# Conversions

## Conversions Part 2

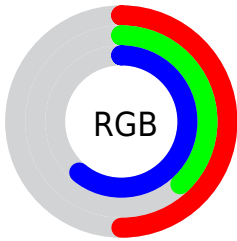
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 96, 155
Decimal	8413339
CIE <sub>Lab</sub>	46.07, 24.81, -27.28
CIE <sub>LCh</sub>	46, 36.873, 312.289
Yxy	15.3215, 0.2824, 0.2277
Android (android.graphics.Color)	4286603419 (0xFF80609B)
YUV	112.2940, 21.0541, 13.7742
Hunter-Lab	39.1427, 18.1510, -22.5345

# Details

The Android color `4286603419` is a dark color, and the websafe version is hex `996699`. A complement of this color would be `4286290784`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4290155474`, and `4283249000` is the 20% darker color. If you saturate the color by 10%, you get `4286140571`, and if you desaturate by 10%, it is `4287066011`.

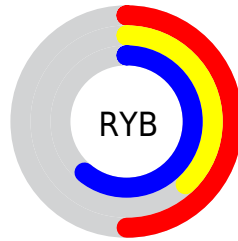
# Distribution



Red (50%)

Green (38%)

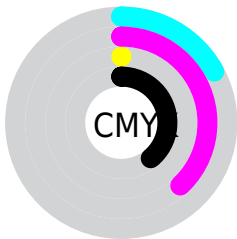
Blue (61%)



Red (50%)

Yellow (38%)

Blue (61%)

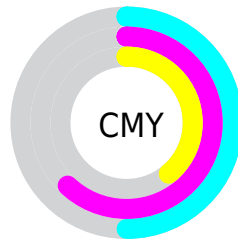


Cyan (17%)

Magenta (38%)

Yellow (0%)

Black (39%)



Cyan (50%)

Magenta (62%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286603419 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 4286603419 by changing the saturation by 10% instead.



 4286603419


 4286603419

4294967295

 4284893313

 4290155474

 4283249000

 4291997422

 4281670479

 4293839359

 4280157496

 4294960639

 4278190114

 4278190088

 4278190080

 4286603419

 4286603419

 4286140571

 4287066011

4285677979

4287528859

4285215131

4287991707

4284752539

4288454299

4284289947

4288916891

4283761563

4289445275

4283695259

4289907867

4290370715

4290833563

# Harmonies

## Analogous

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



4283460777



4286603419



4288501377

# Triad

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



4286603419



4287587634



4278222201

# Complementary

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



4286603419



4286290784

# 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.



4280319065



4286603419



4285755182

# Square

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



4286603419



4288764485



4283529022



4278221718

# Rectangle

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



4286603419



4289090412



4283529022



4278222191



# Sweetspot

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



4286603419



4290753481



4284513435



4284504422



4293322470



4284900966



# Same Dimension

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



4286603419



4288638409



4288372889



4282991949



4283170956



4278648845



# Inverse Universe

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



4288372859



4291390871



4284521314



4283254088



4287365184



4279042054



# Previews

## White Background



This preview shows how the Android color 4286603419 looks on a white background.

## Color Contrast Check

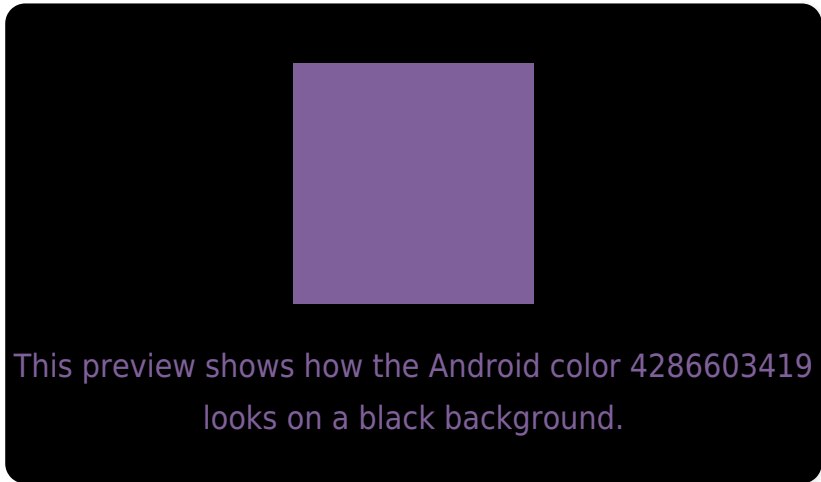
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286603419 Background



This preview shows how black text looks on a background with the Android color 4286603419.



This preview shows how white text looks on a background with the Android color 4286603419.

# 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**


4286603419

**Protanopia**

4284115876

**Deuteranopia**

4284443801



**Tritanopia**  
4286146929

# Trichromacy



**Original Color**  
4286603419

**Protanomaly**  
4285032353

**Deuteranomaly**  
4285229210

**Tritanomaly**  
4286342784

# Monochromacy



**Original Color**  
4286603419

**Achromatopsia**  
4285558896

**Achromatomaly**  
4285950592

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286603419 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(128, 96, 155)` looks like.

```
.text, #text, p{  
    color:rgb(128, 96, 155)  
}
```

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(128, 96, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 96, 155) }
```

## Border

The CSS property to change the border of an element to Android 4286603419 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(128, 96, 155) }
```

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

```
.border{ border-color:rgb(128, 96, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 96, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 96, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 96, 155);  
box-shadow:4px 4px 4px 4px rgb(128, 96,  
155) }
```

# Background

The CSS property to change the background color of an element to Android 4286603419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 96, 155) }
```

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

```
.background{ background-color: rgb(128, 96,  
155) }
```

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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