

# Converting Colors

Android(4287063019)

Have a look what the booklet for  
Android(4287063019) contains.

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# **Color**

**Android(4287063019)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8763EB
RGB	135, 99, 235
RGB Percent	53%, 39%, 92%
CMY	0.4706, 0.6118, 0.0784
CMYK	0.43, 0.58, 0.00, 0.08
HSL	256°, 77%, 65%
HSV	256°, 58%, 92%
XYZ	29.4489, 20.0727, 80.9196
YIQ	125.2680, -22.2000, 49.9280

# Conversions

## Conversions Part 2

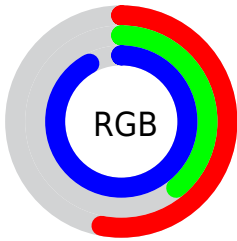
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	135, 99, 235
Decimal	8872939
CIE Lab	51.92, 45.58, -64.06
CIE LCh	52, 78.618, 305.433
Yxy	20.0727, 0.2258, 0.1539
Android (android.graphics.Color)	4287063019 (0xFF8763EB)
YUV	125.2680, 54.0979, 8.5350
Hunter-Lab	44.8026, 38.9241, -75.7239

# Details

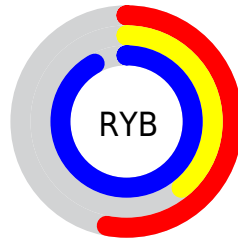
The Android color `4287063019` is a light color, and the websafe version is hex `9966FF`. A complement of this color would be `4291292003`, and the grayscale version is `4286414205`.

A 20% lighter version of the original color is `4290877439`, and `4283183794` is the 20% darker color. If you saturate the color by 10%, you get `4285942763`, and if you desaturate by 10%, it is `4288183275`.

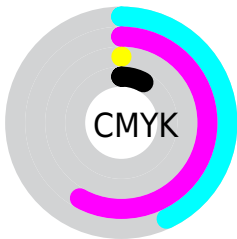
# Distribution



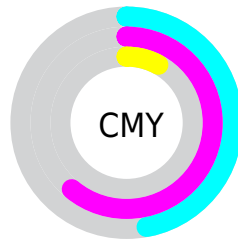
- Red (53%)
- Green (39%)
- Blue (92%)



- Red (53%)
- Yellow (39%)
- Blue (92%)



- Cyan (43%)
- Magenta (58%)
- Yellow (0%)
- Black (8%)



- Cyan (47%)
- Magenta (61%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287063019 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 4287063019 by changing the saturation by 10% instead.



 4287063019

 4287063019

4294967295

 4285156046

 4290877439

 4283183794

 4292850431

 4281014935

 4294823679

 4278190716

 4294961919

 4278190179

 4278190154

 4278191154

 4278190620

 4278190080

■ 4287063019

■ 4287063019

■ 4285942763

■ 4288183275

■ 4284757227

■ 4289368811

■ 4283637227

■ 4290489067

■ 4282516971

■ 4291609067

■ 4282253547

■ 4292729323

■ 4293914859

■ 4294967275

# Harmonies

## Analogous

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



4278223359



4287063019



4292032693

# Triad

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



4287063019



4290863616



4278229127

# Complementary

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



4287063019



4291292003

# 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.



4278228287



4287063019



4287331584

# Square

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



4287063019



4293212977



4282486016



4278229193

# Rectangle

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



4287063019



4293532297



4282486016



4278228847



# Sweetspot

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



4287063019



4292859135



4284729835



4285359744



4278190080



4286611584



# Same Dimension

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



4287063019



4286468095



4291388395



4285360757



4281335989



4279107638



# Inverse Universe

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



4293616583



4294922192



4286966627



4285885042



4290052229

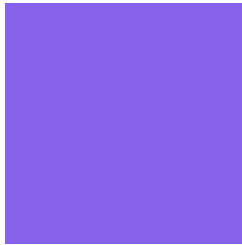


4281729063



# Previews

## White Background



This preview shows how the Android color 4287063019 looks on a white background.

## Color Contrast Check

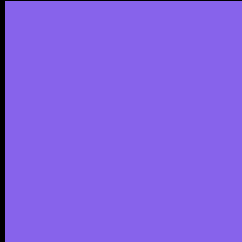
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Android color 4287063019 looks on a 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 4287063019 Background



This preview shows how black text looks on a background with the Android color 4287063019.

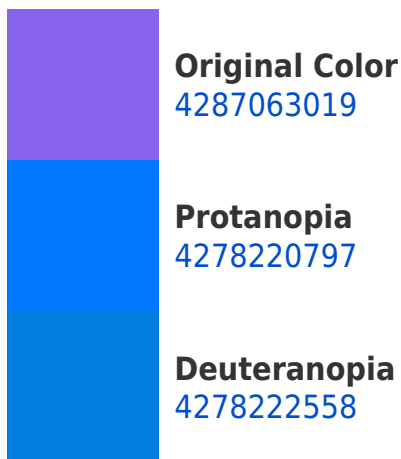


This preview shows how white text looks on a background with the Android color 4287063019.

# 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





# Trichromacy



**Original Color**  
4287063019



**Protanomaly**  
4281430262



**Deuteranomaly**  
4281431267



**Tritanomaly**  
4286084268

# Monochromacy



**Original Color**  
4287063019



**Achromatopsia**  
4286414205



**Achromatomaly**  
4286674085

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287063019 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(135, 99, 235)` looks like.

```
.text, #text, p{  
    color:rgb(135, 99, 235)  
}
```

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(135, 99, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 99, 235) }
```

## Border

The CSS property to change the border of an element to Android 4287063019 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(135, 99, 235) }
```

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

```
.border{ border-color:rgb(135, 99, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 99, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 99, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 99, 235);  
box-shadow:4px 4px 4px 4px rgb(135, 99,  
235) }
```

# Background

The CSS property to change the background color of an element to Android 4287063019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 99, 235) }
```

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

```
.background{ background-color: rgb(135, 99,  
235) }
```

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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