

# Converting Colors

Android(4286808063)

Have a look what the booklet for  
Android(4286808063) contains.

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# **Color**

**Android(4286808063)**

# Conversions

## Conversions Part 1

Format	Color
Hex	837FFF
RGB	131, 127, 255
RGB Percent	51%, 50%, 100%
CMY	0.4863, 0.5020, 0.0000
CMYK	0.49, 0.50, 0.00, 0.00
HSL	242°, 100%, 75%
HSV	242°, 50%, 100%
XYZ	34.9994, 27.2240, 98.0178
YIQ	142.7880, -38.7040, 40.6560

# Conversions

## Conversions Part 2

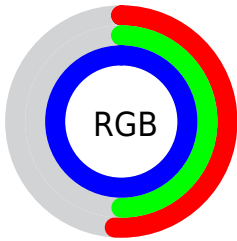
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	131, 127, 255
Decimal	8617983
CIE Lab	59.18, 34.32, -63.49
CIE LCh	59, 72.175, 298.396
Yxy	27.2240, 0.2184, 0.1699
Android (android.graphics.Color)	4286808063 (0xFF837FFF)
YUV	142.7880, 55.3205, -10.3381
Hunter-Lab	52.1767, 28.4264, -74.8571

# Details

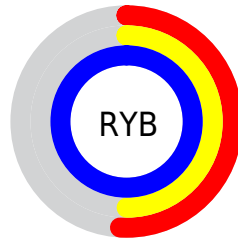
The Android color `4286808063` is a light color, and the websafe version is hex `6666CC`. A complement of this color would be `4294705023`, and the grayscale version is `4287532686`.

A 20% lighter version of the original color is `4290688255`, and `4282797765` is the 20% darker color. If you saturate the color by 10%, you get `4285163263`, and if you desaturate by 10%, it is `4288453119`.

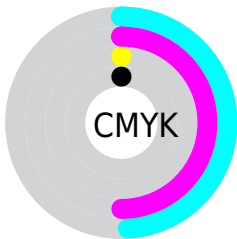
# Distribution



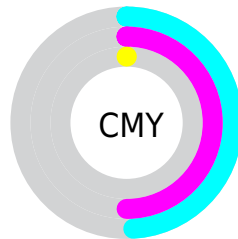
- Red (51%)
- Green (50%)
- Blue (100%)



- Red (51%)
- Yellow (50%)
- Blue (100%)



- Cyan (49%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (50%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286808063 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 4286808063 by changing the saturation by 10% instead.



 4286808063

 4286808063

4294967295

 4284835554

 4290688255

 4282797765

 4292661247

 4280235946

 4294634751

 4278198926

 4278194036

 4278190171

 4278191938

 4278190891

 4278190357

■ 4286808063

■ 4286808063

■ 4285163263

■ 4288453119

■ 4283583743

■ 4290032383

■ 4281938943

■ 4291677439

■ 4280293887

■ 4293322239

■ 4278714623

4294967295

# Harmonies

## Analogous

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



4278228991



4286808063



4292239314

# Triad

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



4286808063



4292767770



4278233993

# Complementary

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



4286808063



4294705023

# 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.



4278232647



4286808063



4289628928

# Square

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



4286808063



4294595414



4285570048



4278234057

# Rectangle

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



4286808063



4294135210



4285570048



4278233715



# Sweetspot

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



4286808063



4292532735



4286578175



4285098368



4278190080



4286611584



# Same Dimension

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



4286808063



4285228799



4290871295



4285756288



4278583487



4278321216



# Inverse Universe

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



4294934523



4294928122



4290641791



4286608255



4290707641

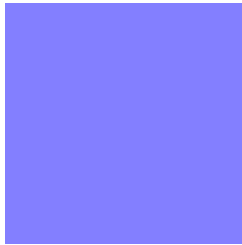


4282384446



# Previews

## White Background



This preview shows how the Android color 4286808063 looks on a white background.

## Color Contrast Check

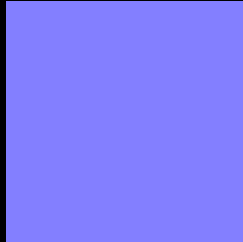
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286808063 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 4286808063 Background



This preview shows how black text looks on a background with the Android color 4286808063.

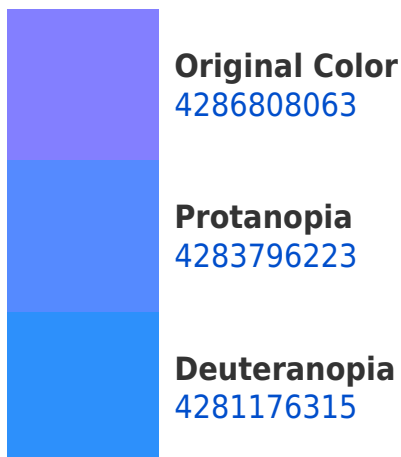


This preview shows how white text looks on a background with the Android color 4286808063.

# 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**  
4286808063

**Protanomaly**  
4284909311

**Deuteranomaly**  
4283206396

**Tritanomaly**  
4285632196

# Monochromacy



**Original Color**  
4286808063

**Achromatopsia**  
4287598479

**Achromatomaly**  
4287334840

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286808063 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(131, 127, 255)` looks like.

```
.text, #text, p{  
    color:rgb(131, 127, 255)  
}
```

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(131, 127, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 127, 255) }
```

## Border

The CSS property to change the border of an element to Android 4286808063 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(131, 127, 255) }
```

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

```
.border{ border-color:rgb(131, 127, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 127, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 127, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 127, 255);  
box-shadow:4px 4px 4px 4px rgb(131, 127,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4286808063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 127, 255) }
```

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

```
.background{ background-color: rgb(131,  
127, 255) }
```

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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