

# Converting Colors

Android(4278484967)

Have a look what the booklet for  
Android(4278484967) contains.

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# Color

**Android(4278484967)**

# Conversions

## Conversions Part 1

Format	Color
Hex	047FE7
RGB	4, 127, 231
RGB Percent	2%, 50%, 91%
CMY	0.9843, 0.5020, 0.0941
CMYK	0.98, 0.45, 0.00, 0.09
HSL	207°, 97%, 46%
HSV	207°, 98%, 91%
XYZ	22.0632, 20.9741, 78.4868
YIQ	102.0790, -106.6920, 6.2680

# Conversions

## Conversions Part 2

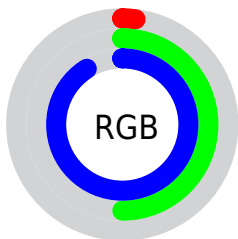
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	4, 84, 231
Decimal	294887
CIE Lab	52.92, 10.22, -60.50
CIE LCh	53, 61.352, 279.584
Yxy	20.9741, 0.1816, 0.1726
Android (android.graphics.Color)	4278484967 (0xFF047FE7)
YUV	102.0790, 63.5581, -86.0153
Hunter-Lab	45.7975, 5.8481, -69.5519

# Details

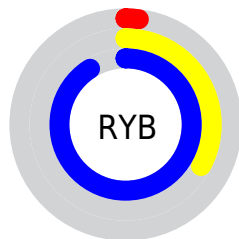
The Android color `4278484967` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark washed azure. A complement of this color would be `4293356548`, and the grayscale version is `4284900966`.

A 20% lighter version of the original color is `4285248511`, and `4278210479` is the 20% darker color. If you saturate the color by 10%, you get `4278222311`, and if you desaturate by 10%, it is `4279995111`.

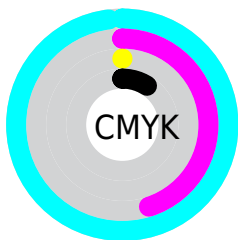
# Distribution



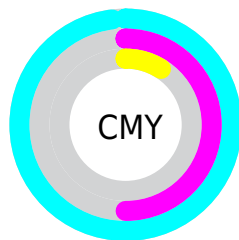
- Red (2%)
- Green (50%)
- Blue (91%)



- Red (2%)
- Yellow (33%)
- Blue (91%)



- Cyan (98%)
- Magenta (45%)
- Yellow (0%)
- Black (9%)



- Cyan (98%)
- Magenta (50%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278484967 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 4278484967 by changing the saturation by 10% instead.



 4278484967

 4278484967

4294967295

 4278216394

 4285248511


 4278210479

 4287418111

 4278204819

 4289456895

 4278199673

 4291559423

 4278194272

 4293591039

 4278192199

 4278191152

 4278190362

 4278190080

■ 4278484967

■ 4278484967

■ 4278222311

■ 4279995111

■ 4281504999

■ 4283015143

■ 4284525031

■ 4286100711

■ 4287610599

■ 4289120743

■ 4290630887

■ 4292140775

# Harmonies

## Analogous

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



4278226657



4278484967



4287981776

# Triad

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



4278484967



4292040510



4278228055

# Complementary

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



4278484967



4293356548

# 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.



4283338275



4278484967



4290014733

# Square

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



4278484967



4292626288



4287136000



4278228878

# Rectangle

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



4278484967



4290533557



4287136000



4278227782

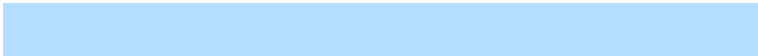


# Sweetspot

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



4278484967



4290108927



4278511466



4283657088



4278190080



4286611584



# Same Dimension

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



4278484967



4278225663



4278456295



4284968307



4278215091



4278197299



# Inverse Universe

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



4293330047



4294901898



4293385220



4285753197



4289921121



4281532444



# Previews

## White Background



This preview shows how the Android color 4278484967 looks on a white background.

## Color Contrast Check

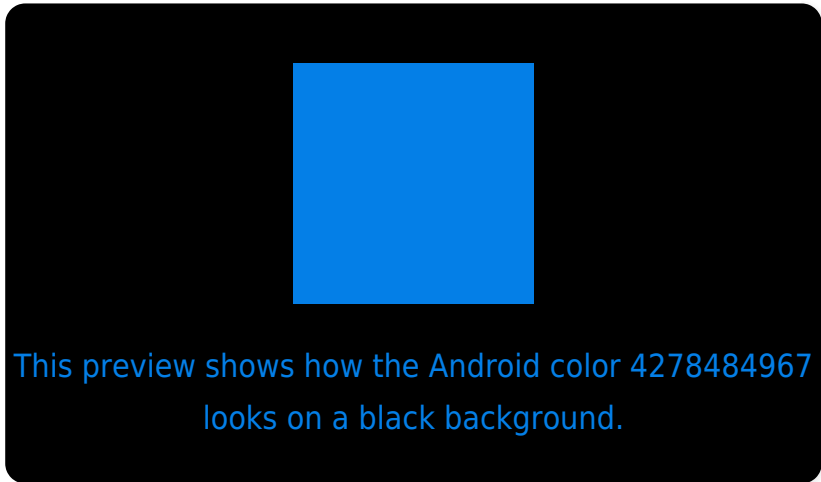
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278484967 Background



This preview shows how black text looks on a background with the Android color 4278484967.



This preview shows how white text looks on a background with the Android color 4278484967.

# 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**  
4278484967

**Protanomaly**  
4281433316

**Deuteranomaly**  
4278288612

**Tritanomaly**  
4278290355

# Monochromacy



**Original Color**  
4278484967

**Achromatopsia**  
4284900966

**Achromatomaly**  
4282544021

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278484967 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(4, 127, 231)` looks like.

```
.text, #text, p{  
    color:rgb(4, 127, 231)  
}
```

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(4, 127, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 127, 231) }
```

## Border

The CSS property to change the border of an element to Android 4278484967 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(4, 127, 231) }
```

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

```
.border{ border-color:rgb(4, 127, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 127, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 127, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 127, 231);  
box-shadow:4px 4px 4px 4px rgb(4, 127,  
231) }
```

# Background

The CSS property to change the background color of an element to Android 4278484967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 127, 231) }
```

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

```
.background{ background-color: rgb(4, 127,  
231) }
```

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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