

# Converting Colors

Android(4278194127)

Have a look what the booklet for  
Android(4278194127) contains.

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# Color

**Android(4278194127)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	000FCF
RGB	0, 15, 207
RGB Percent	0%, 6%, 81%
CMY	1.0000, 0.9412, 0.1882
CMYK	1.00, 0.93, 0.00, 0.19
HSL	236°, 100%, 41%
HSV	236°, 100%, 81%
XYZ	11.4333, 4.8466, 59.3644
YIQ	32.4030, -70.5720, 56.5320

# Conversions

## Conversions Part 2

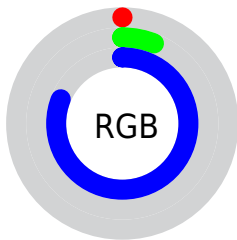
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 14, 207
Decimal	4047
CIELab	26.29, 64.52, -90.47
CIELCh	26, 111.119, 305.496
Yxy	4.8466, 0.1511, 0.0641
Android (android.graphics.Color)	4278194127 (0xFF000FCF)
YUV	32.4030, 86.0763, -28.4174
Hunter-Lab	22.0151, 54.1757, -144.4668

# Details

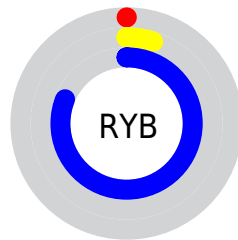
The Android color `4278194127` is a dark color, and the websafe version is hex `0000CC`. The color can be described as dark washed blue. A complement of this color would be `4291805184`, and the grayscale version is `4280295456`.

A 20% lighter version of the original color is `4285220863`, and `4278190231` is the 20% darker color. If you saturate the color by 10%, you get `4278194127`, and if you desaturate by 10%, it is `4279575247`.

# Distribution



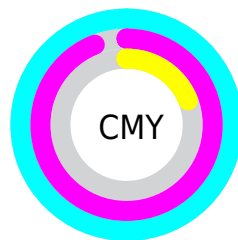
- Red (0%)
- Green (6%)
- Blue (81%)



- Red (0%)
- Yellow (5%)
- Blue (81%)



- Cyan (100%)
- Magenta (93%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (94%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278194127 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 4278194127 by changing the saturation by 10% instead.



 4278194127

 4278194127

4294967295

 4278190259

 4285220863


 4278190231

 4287389951

 4278190204

 4289559551

 4278192994

 4291598079

 4278192457

 4293702143

 4278191153

 4294954751

 4278190363

 4294961919

 4278190080

 4278194127

■ 4279575247

■ 4280890831

■ 4282272207

■ 4283653327

■ 4285034447

■ 4286350031

■ 4287731151

■ 4289112527

■ 4290428111

# Harmonies

## Analogous

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



4278209777



4278194127



4288938119

# Triad

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



4278194127



4286646784



4278212173

# Complementary

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



4278194127



4291805184

# 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.



4278211584



4278194127



4282335488

# Square

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



4278194127



4289593344



4278210304



4278213027

# Rectangle

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



4278194127



4290576463



4278210304



4278211887



# Sweetspot

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



4278194127



4289968383



4278243262



4283585920



4278190080



4286611584



# Same Dimension

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



4278194127



4278194943



4283826383



4284374889



4278193320



4278190889



# Inverse Universe

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



4291756047



4294901778



4286172928



4285095519



4289200140

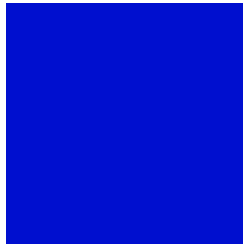


4280877059



# Previews

## White Background



This preview shows how the Android color 4278194127 looks on a white background.

## Color Contrast Check

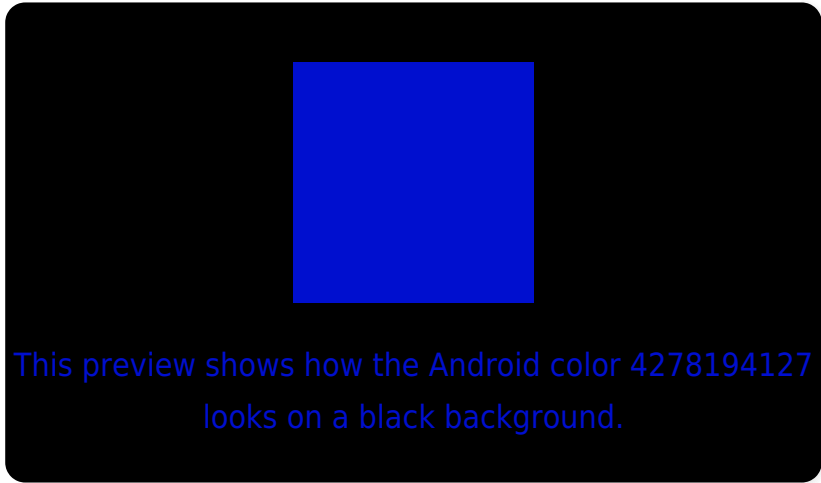
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4278194127 Background



This preview shows how black text looks on a background with the Android color 4278194127.



This preview shows how white text looks on a background with the Android color 4278194127.

# 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**

4278194127

**Deuteranomaly**

4278202257

**Tritanomaly**

4278203258

# Monochromacy



**Original Color**

4278194127

**Achromatopsia**

4280295456

**Achromatomaly**

4279507552

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278194127 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(0, 15, 207)` looks like.

```
.text, #text, p{  
    color:rgb(0, 15, 207)  
}
```

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(0, 15, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 15, 207) }
```

## Border

The CSS property to change the border of an element to Android 4278194127 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(0, 15, 207) }
```

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

```
.border{ border-color:rgb(0, 15, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 15, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 15, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 15, 207);  
box-shadow:4px 4px 4px 4px rgb(0, 15, 207)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278194127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 15, 207) }
```

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

```
.background{ background-color: rgb(0, 15,  
207) }
```

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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