

# Converting Colors

Android(4279012074)

Have a look what the booklet for  
Android(4279012074) contains.

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# Color

**Android(4279012074)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0C8AEA
RGB	12, 138, 234
RGB Percent	5%, 54%, 92%
CMY	0.9529, 0.4588, 0.0824
CMYK	0.95, 0.41, 0.00, 0.08
HSL	206°, 90%, 48%
HSV	206°, 95%, 92%
XYZ	24.0914, 24.1956, 81.2424
YIQ	111.2700, -105.9120, 3.1440

# Conversions

## Conversions Part 2

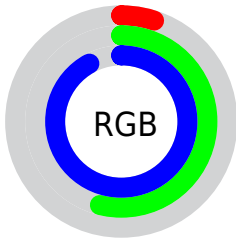
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	12, 92, 234
Decimal	821994
CIE <sub>Lab</sub>	56.28, 4.86, -56.77
CIE <sub>LCh</sub>	56, 56.982, 274.898
Yxy	24.1956, 0.1860, 0.1868
Android (android.graphics.Color)	4279012074 (0xFF0C8AEA)
YUV	111.2700, 60.5059, -87.0598
Hunter-Lab	49.1891, 1.3433, -63.4931

# Details

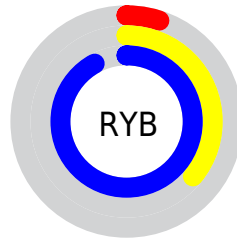
The Android color `4279012074` is a dark color, and the websafe version is hex `0099FF`. The color can be described as dark washed azure. A complement of this color would be `4293553164`, and the grayscale version is `4285493103`.

A 20% lighter version of the original color is `4285382655`, and `4278213042` is the 20% darker color. If you saturate the color by 10%, you get `4278224362`, and if you desaturate by 10%, it is `4280521962`.

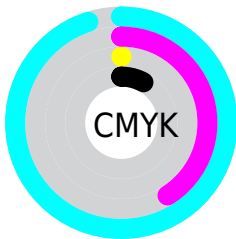
# Distribution



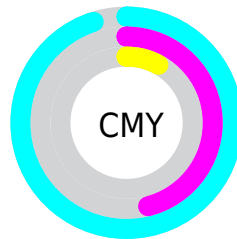
- Red (5%)
- Green (54%)
- Blue (92%)



- Red (5%)
- Yellow (36%)
- Blue (92%)



- Cyan (95%)
- Magenta (41%)
- Yellow (0%)
- Black (8%)



- Cyan (95%)
- Magenta (46%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279012074 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 4279012074 by changing the saturation by 10% instead.



 4279012074

 4279012074

4294967295

 4278219213

 4285382655

 4278213042

 4287552511

 4278207126

 4289591295

 4278201724

 4291690495

 4278196834

 4293722111

 4278192458

 4278191154

 4278190620

 4278190080

■ 4279012074

■ 4279012074

■ 4278224362

■ 4280521962

■ 4282097386

■ 4283607274

■ 4285182698

■ 4286692842

■ 4288202730

■ 4289778154

■ 4291288042

■ 4292863466

# Harmonies

## Analogous

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



4278228960



4279012074



4287854297

# Triad

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



4279012074



4292567377



4278230107

# Complementary

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



4279012074



4293553164

# 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.



4284847150



4279012074



4290868522

# Square

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



4279012074



4292892545



4288251670



4278230670

# Rectangle

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



4279012074



4290472129



4288251670



4281637451

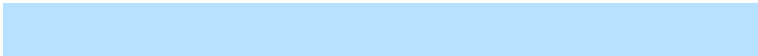


# Sweetspot

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



4279012074



4290306303



4279036521



4283723136



4278190080



4286611584

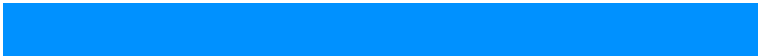


# Same Dimension

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



4279012074



4278227455



4278984426



4285165685



4278216629



4278197814



# Inverse Universe

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



4293528714



4294901905



4293580812



4285885040



4290052199

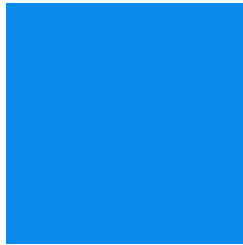


4281729054



# Previews

## White Background



This preview shows how the Android color 4279012074 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 4279012074 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

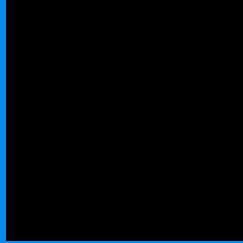
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

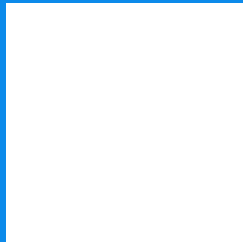
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4279012074 Background



This preview shows how black text looks on a background with the Android color 4279012074.



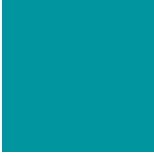
This preview shows how white text looks on a background with the Android color 4279012074.

# 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





**Tritanopia**  
4278228383

# Trichromacy



**Original Color**  
4279012074

**Protanomaly**  
4282418918

**Deuteranomaly**  
4280584683

**Tritanomaly**  
4278489530

# Monochromacy



**Original Color**  
4279012074

**Achromatopsia**  
4285493103

**Achromatomaly**  
4283136412

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279012074 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(12, 138, 234)` looks like.

```
.text, #text, p{  
    color:rgb(12, 138, 234)  
}
```

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(12, 138, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 138, 234) }
```

## Border

The CSS property to change the border of an element to Android 4279012074 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(12, 138, 234) }
```

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

```
.border{ border-color:rgb(12, 138, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 138, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 138, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 138, 234);  
box-shadow:4px 4px 4px 4px rgb(12, 138,  
234) }
```

# Background

The CSS property to change the background color of an element to Android 4279012074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 138, 234) }
```

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

```
.background{ background-color: rgb(12, 138,  
234) }
```

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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