

# Converting Colors

Android(4278239474)

Have a look what the booklet for  
Android(4278239474) contains.

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**Color**

**Android(4278239474)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C0F2
RGB	0, 192, 242
RGB Percent	0%, 75%, 95%
CMY	1.0000, 0.2471, 0.0510
CMYK	1.00, 0.21, 0.00, 0.05
HSL	192°, 100%, 47%
HSV	192°, 100%, 95%
XYZ	34.8766, 44.1101, 90.6803
YIQ	140.2920, -130.4820, -25.1540

# Conversions

## Conversions Part 2

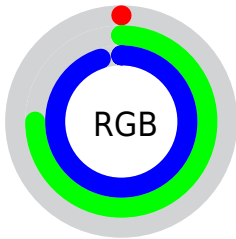
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 107, 242
Decimal	49394
CIELab	72.30, -22.65, -35.92
CIElCh	72, 42.469, 237.767
Yxy	44.1101, 0.2056, 0.2600
Android (android.graphics.Color)	4278239474 (0xFF00C0F2)
YUV	140.2920, 50.1420, -123.0361
Hunter-Lab	66.4154, -22.4915, -34.4608

# Details

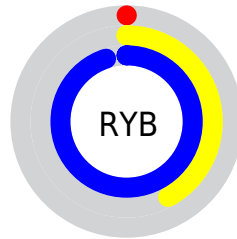
The Android color `4278239474` is a light color, and the websafe version is hex `00CCFF`. The color can be described as light saturated cyan. A complement of this color would be `4294062592`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4285528575`, and `4278225594` is the 20% darker color. If you saturate the color by 10%, you get `4278239474`, and if you desaturate by 10%, it is `4279813618`.

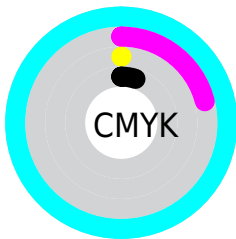
# Distribution



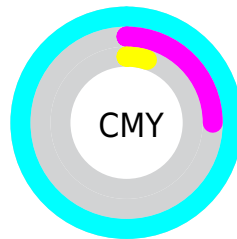
- Red (0%)
- Green (75%)
- Blue (95%)



- Red (0%)
- Yellow (42%)
- Blue (95%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (25%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278239474 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 4278239474 by changing the saturation by 10% instead.



 4278239474

 4278239474

4294967295

 4278232533

 4285528575


 4278225594

 4287758335

 4278219167

 4289921023

 4278212740

 4291952639

 4278206827

 4294049791

 4278200914

 4278195003

 4278190629

 4278190349

 4278239474

 4279813618

 4281387762

 4283027442

 4284601586

 4286175730

 4287749874

 4289324018

 4290963698

 4292537842

# Harmonies

## Analogous

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



4278240724



4278239474



4285576958

# Triad

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



4278239474



4294480822



4289051243

# Complementary

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



4278239474



4294062592

# 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.



4291669603



4278239474



4294677903

# Square

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



4278239474



4292844251



4293632113



4286038663

# Rectangle

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



4278239474



4288523771



4293632113



4289967718

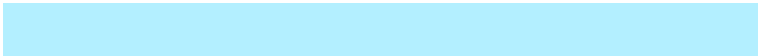


# Sweetspot

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



4278239474



4289982463



4278252080



4283594368



4278190080



4286611584

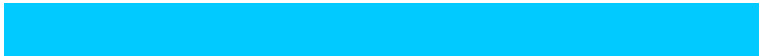


# Same Dimension

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



4278239474



4278242047



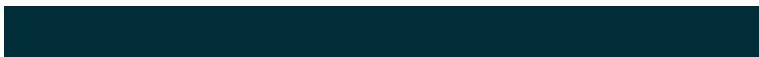
4278209010



4285298040



4278227640



4278201656



# Inverse Universe

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



4294049984



4294901962



4294093056



4286082165



4290248850

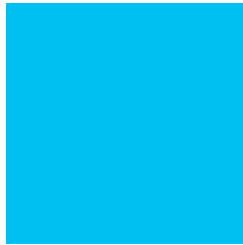


4281860141



# Previews

## White Background



This preview shows how the Android color 4278239474 looks on a white background.

## Color Contrast Check

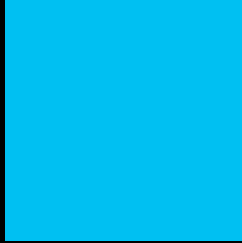
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4278239474 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 ✓ Pass

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



# Android 4278239474 Background



This preview shows how black text looks on a background with the Android color 4278239474.

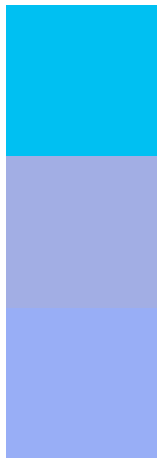


This preview shows how white text looks on a background with the Android color 4278239474.

# 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



**Original Color**  
4278239474

**Protanopia**  
4288851684

**Deuteranopia**  
4288196342



# Trichromacy



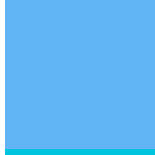
**Original Color**

4278239474



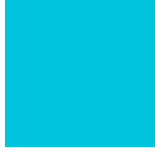
**Protanomaly**

4284986857



**Deuteranomaly**

4284593653



**Tritanomaly**

4278240222

# Monochromacy



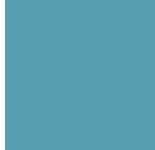
**Original Color**

4278239474



**Achromatopsia**

4287401100



**Achromatomaly**

4284063665

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278239474 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, 192, 242)` looks like.

```
.text, #text, p{  
    color:rgb(0, 192, 242)  
}
```

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, 192, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 192, 242) }
```

## Border

The CSS property to change the border of an element to Android 4278239474 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, 192, 242) }
```

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

```
.border{ border-color:rgb(0, 192, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 192, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 192, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 192, 242);  
box-shadow:4px 4px 4px 4px rgb(0, 192,  
242) }
```

# Background

The CSS property to change the background color of an element to Android 4278239474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 192, 242) }
```

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

```
.background{ background-color: rgb(0, 192,  
242) }
```

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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