

# Converting Colors

Android(4278245108)

Have a look what the booklet for  
Android(4278245108) contains.

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**Color**

**Android(4278245108)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D6F4
RGB	0, 214, 244
RGB Percent	0%, 84%, 96%
CMY	1.0000, 0.1608, 0.0431
CMYK	1.00, 0.12, 0.00, 0.04
HSL	187°, 100%, 48%
HSV	187°, 100%, 96%
XYZ	40.3757, 54.6248, 94.0036
YIQ	153.4340, -137.1740, -36.0380

# Conversions

## Conversions Part 2

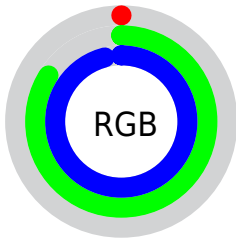
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 114, 244
Decimal	55028
CIELab	78.82, -32.86, -26.95
CIELCh	79, 42.500, 219.353
Yxy	54.6248, 0.2136, 0.2890
Android (android.graphics.Color)	4278245108 (0xFF00D6F4)
YUV	153.4340, 44.6490, -134.5616
Hunter-Lab	73.9086, -31.8268, -23.6743

# Details

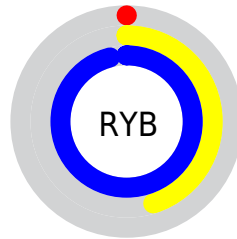
The Android color **4278245108** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **4294188544**, and the grayscale version is **4288256409**.

A 20% lighter version of the original color is **4285726719**, and **4278230972** is the 20% darker color. If you saturate the color by 10%, you get **4278245108**, and if you desaturate by 10%, it is **4279818740**.

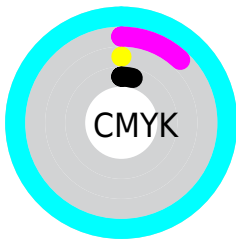
# Distribution



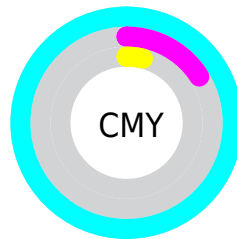
- Red (0%)
- Green (84%)
- Blue (96%)



- Red (0%)
- Yellow (45%)
- Blue (96%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (16%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278245108 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 4278245108 by changing the saturation by 10% instead.



 4278245108

 4278245108

4294967295

 4278237912

 4285726719

 4278230972

 4287954943

 4278224033

 4290117631

 4278217606

 4292214783

 4278211181

 4294311935

 4278205013

 4278199869

 4278190888

 4278190353

 4278245108

 4279818740

 4281457908

 4283031540

 4284670708

 4286244340

 4287817972

 4289457140

 4291030772

 4292669940

# Harmonies

## Analogous

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



4281981135



4278245108



4283944959

# Triad

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



4278245108



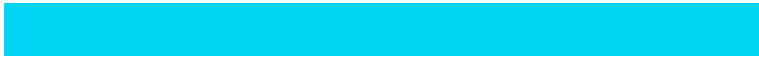
4294944992



4291937652

# Complementary

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



4278245108



4294188544

# 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.



4294227834



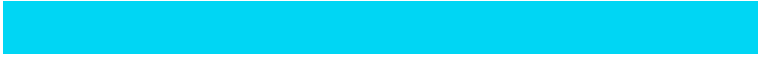
4278245108



4294943928

# Square

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



4278245108



4292392191



4294945683



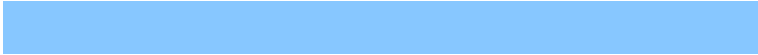
4289122181

# Rectangle

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



4278245108



4287088639



4294945683



4292788339

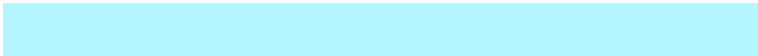


# Sweetspot

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



4278245108



4289984255



4278252572



4283595392



4278190080



4286611584

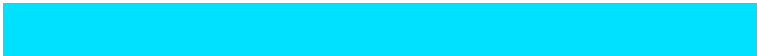


# Same Dimension

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



4278245108



4278247679



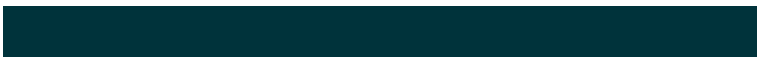
4278214388



4285430138



4278231994



4278203195



# Inverse Universe

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



4294181078



4294901984



4294219264



4286213753



4290379939

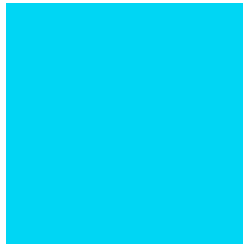


4282056755



# Previews

## White Background



This preview shows how the Android color 4278245108 looks on a white background.

## Color Contrast Check

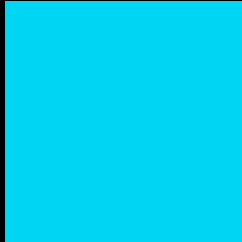
Large Text (above 18pt) WCAG AA × Fail

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 4278245108 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 4278245108 Background



This preview shows how black text looks on a background with the Android color 4278245108.

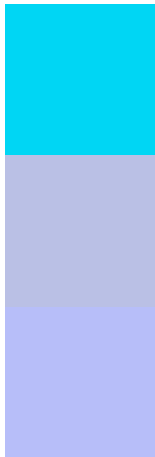


This preview shows how white text looks on a background with the Android color 4278245108.

# 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**  
4278245108

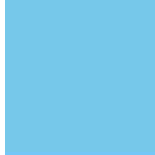
**Protanopia**  
4290429157

**Deuteranopia**  
4290232057

# Trichromacy



**Original Color**  
4278245108



**Protanomaly**  
4285974762



**Deuteranomaly**  
4285843447

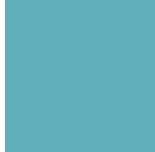
# Monochromacy



**Original Color**  
4278245108



**Achromatopsia**  
4288256409



**Achromatomaly**  
4284592058

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278245108 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, 214, 244)` looks like.

```
.text, #text, p{  
    color:rgb(0, 214, 244)  
}
```

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, 214, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 214, 244) }
```

## Border

The CSS property to change the border of an element to Android 4278245108 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, 214, 244) }
```

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

```
.border{ border-color:rgb(0, 214, 244) }
```

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

Here you see how a box with a 4 pixel rgb(0, 214, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 214, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 214, 244);  
box-shadow:4px 4px 4px 4px rgb(0, 214,  
244) }
```

# Background

The CSS property to change the background color of an element to Android 4278245108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 214, 244) }
```

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

```
.background{ background-color: rgb(0, 214,  
244) }
```

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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