

# Converting Colors

Android(4278245118)

Have a look what the booklet for  
Android(4278245118) contains.

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**Color**

**Android(4278245118)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D6FE
RGB	0, 214, 254
RGB Percent	0%, 84%, 100%
CMY	1.0000, 0.1608, 0.0039
CMYK	1.00, 0.16, 0.00, 0.00
HSL	189°, 100%, 50%
HSV	189°, 100%, 100%
XYZ	41.9360, 55.2489, 102.2198
YIQ	154.5740, -140.3840, -32.9280

# Conversions

## Conversions Part 2

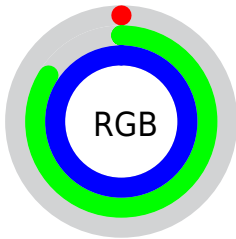
Format	Color
<a href="#">RYB</a>	0, 116, 254
Decimal	55038
CIELab	79.18, -29.63, -31.72
CIELCh	79, 43.411, 226.951
Yxy	55.2489, 0.2103, 0.2771
Android (android.graphics.Color)	4278245118 (0xFF00D6FE)
YUV	154.5740, 49.0170, -135.5614
Hunter-Lab	74.3296, -29.3690, -29.5063

# Details

The Android color **4278245118** 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 **4294846464**, and the grayscale version is **4288322202**.

A 20% lighter version of the original color is **4285857791**, and **4278230981** is the 20% darker color. If you saturate the color by 10%, you get **4278245118**, and if you desaturate by 10%, it is **4279884542**.

# Distribution



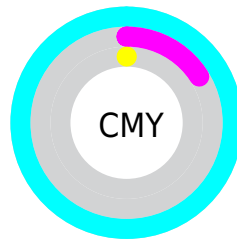
- Red (0%)
- Green (84%)
- Blue (100%)



- Red (0%)
- Yellow (45%)
- Blue (100%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278245118 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 4278245118 by changing the saturation by 10% instead.



 4278245118

 4278245118

4294967295

 4278237921

 4285857791

 4278230981

 4288086015

 4278224298

 4290248703

 4278217615

 4292411391

 4278211189

 4294508543

 4278205277


 4278199877

 4278191151

 4278190361

 4278245118

 4279884542

 4281589502


 4283228926

 4284933886

 4286573310

 4288212734

 4289917694

 4291557118

 4293262078

# Harmonies

## Analogous

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



4280081114



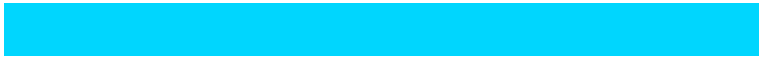
4278245118



4284993023

# Triad

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



4278245118



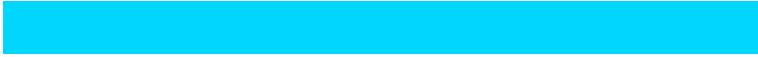
4294944472



4291348853

# Complementary

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



4278245118



4294846464

# 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.



4293835893



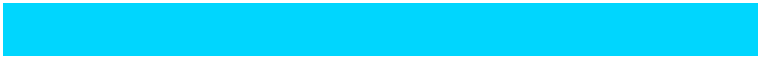
4278245118



4294944175

# Square

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



4278245118



4293243388



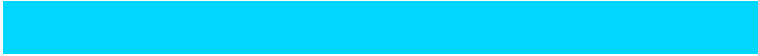
4294946443



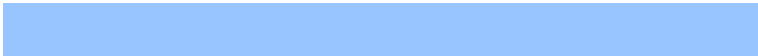
4288336779

# Rectangle

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



4278245118



4288202239



4294946443

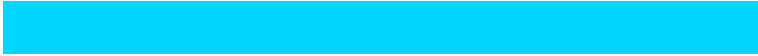


4292199795

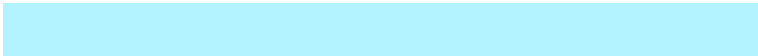


# Sweetspot

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



4278245118



4289983487



4278255142



4283594880



4278190080

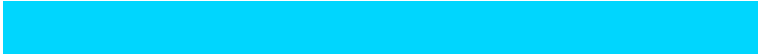


4286611584

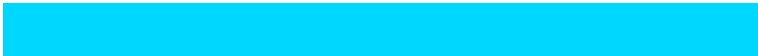


# Same Dimension

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



4278245118



4278245375



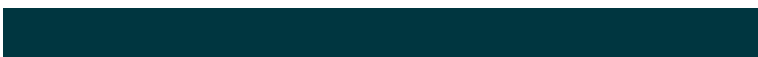
4278213118



4285758848



4278231487



4278203968



# Inverse Universe

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



4294836438



4294901975



4294878464



4286608253



4290707617

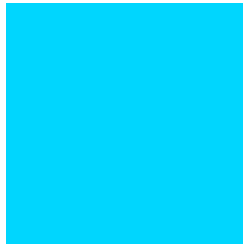


4282384438



# Previews

## White Background



This preview shows how the Android color 4278245118 looks on a white background.

## Color Contrast Check

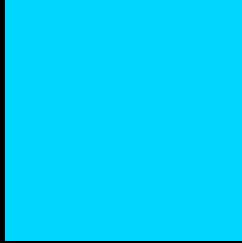
Large Text (above 18pt) WCAG AA × Fail

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 4278245118 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 4278245118 Background



This preview shows how black text looks on a background with the Android color 4278245118.

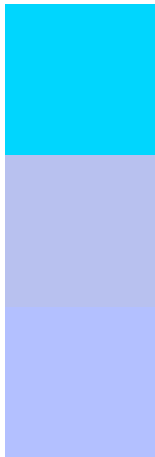


This preview shows how white text looks on a background with the Android color 4278245118.

# 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](#).

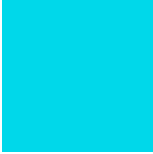
## Dichromacy



**Original Color**  
4278245118

**Protanopia**  
4290298351

**Deuteranopia**  
4289970431



**Tritanopia**  
4278245610

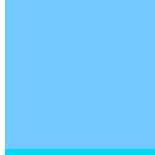
# Trichromacy



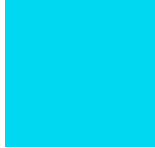
**Original Color**  
4278245118



**Protanomaly**  
4285909492



**Deuteranomaly**  
4285712639



**Tritanomaly**  
4278245361

# Monochromacy



**Original Color**  
4278245118



**Achromatopsia**  
4288387995



**Achromatomaly**  
4284723391

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278245118 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(0, 214, 254)  
}
```

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, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 214, 254) }
```

## Border

The CSS property to change the border of an element to Android 4278245118 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, 254) }
```

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

```
.border{ border-color:rgb(0, 214, 254) }
```

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, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 214, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 214, 254);  
box-shadow:4px 4px 4px 4px rgb(0, 214,  
254) }
```

# Background

The CSS property to change the background color of an element to Android 4278245118 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, 254) }
```

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

```
.background{ background-color: rgb(0, 214,  
254) }
```

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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