

# Converting Colors

Android(4278242038)

Have a look what the booklet for  
Android(4278242038) contains.

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# **Color**

**Android(4278242038)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00CAF6
RGB	0, 202, 246
RGB Percent	0%, 79%, 96%
CMY	1.0000, 0.2078, 0.0353
CMYK	1.00, 0.18, 0.00, 0.04
HSL	191°, 100%, 48%
HSV	191°, 100%, 96%
XYZ	37.7551, 48.8949, 94.6365
YIQ	146.6180, -134.5160, -29.1400

# Conversions

## Conversions Part 2

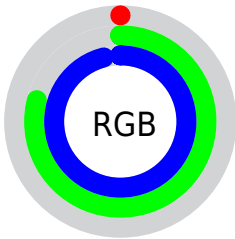
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 111, 246
Decimal	51958
CIELab	75.39, -26.36, -33.30
CIELCh	75, 42.471, 231.644
Yxy	48.8949, 0.2083, 0.2697
Android (android.graphics.Color)	4278242038 (0xFF00CAF6)
YUV	146.6180, 48.9953, -128.5840
Hunter-Lab	69.9249, -25.9896, -31.2958

# Details

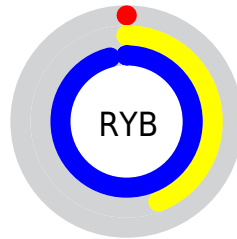
The Android color **4278242038** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **4294323200**, and the grayscale version is **4287795858**.

A 20% lighter version of the original color is **4285661183**, and **4278228158** is the 20% darker color. If you saturate the color by 10%, you get **4278242038**, and if you desaturate by 10%, it is **4279881462**.

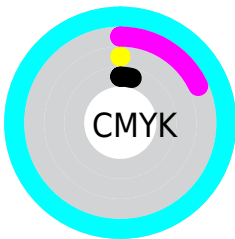
# Distribution



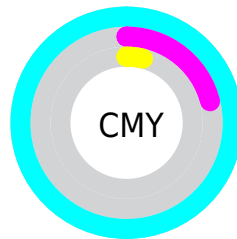
- Red (0%)
- Green (79%)
- Blue (96%)



- Red (0%)
- Yellow (44%)
- Blue (96%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (21%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278242038 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 4278242038 by changing the saturation by 10% instead.



 4278242038

 4278242038

4294967295

 4278234841

 4285661183

 4278228158

 4287889407

 4278221474

 4290052095

 4278215048

 4292149247

 4278208878

 4294246399

 4278202966

 4278197822

 4278190888

 4278190354

 4278242038

 4279881462

 4281455606


 4283095030

 4284669174

 4286308598

 4287948022

 4289522166

 4291161590

 4292735734

# Harmonies

## Analogous

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



4278243029



4278242038



4285186559

# Triad

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



4278242038



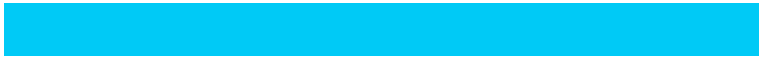
4294876358



4290166895

# Complementary

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



4278242038



4294323200

# 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.



4292719724



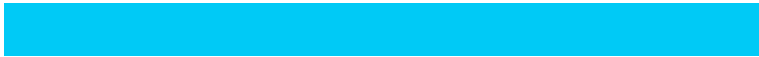
4278242038



4294941855

# Square

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



4278242038



4292912619



4294551166



4287220104

# Rectangle

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



4278242038



4288264447



4294551166



4291083372

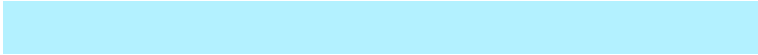


# Sweetspot

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



4278242038



4289982975



4278253097



4283594624



4278190080



4286611584

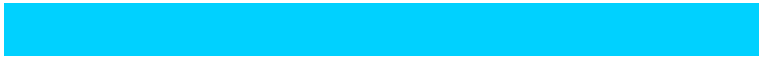


# Same Dimension

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



4278242038



4278243839



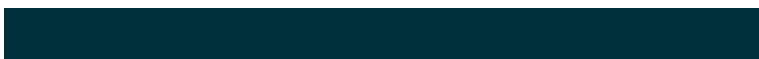
4278211318



4285429882



4278229434



4278202427



# Inverse Universe

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



4294312138



4294901969



4294353920



4286213752



4290379929



4282056752



# Previews

## White Background



This preview shows how the Android color 4278242038 looks on a white background.

## Color Contrast Check

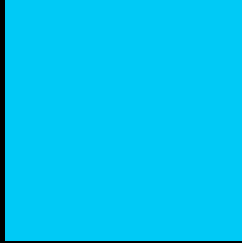
Large Text (above 18pt) WCAG AA × Fail

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 4278242038 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 4278242038 Background



This preview shows how black text looks on a background with the Android color 4278242038.



This preview shows how white text looks on a background with the Android color 4278242038.

# 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**  
4278242781

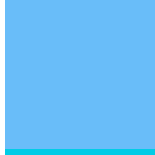
# Trichromacy



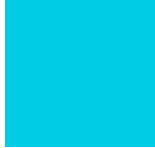
**Original Color**  
4278242038



**Protanomaly**  
4285382125



**Deuteranomaly**  
4285119993



**Tritanomaly**  
4278242534

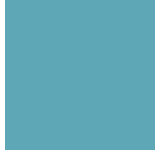
# Monochromacy



**Original Color**  
4278242038



**Achromatopsia**  
4287861651



**Achromatomaly**  
4284393399

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278242038 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, 202, 246)` looks like.

```
.text, #text, p{  
    color:rgb(0, 202, 246)  
}
```

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, 202, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 202, 246) }
```

## Border

The CSS property to change the border of an element to Android 4278242038 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, 202, 246) }
```

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

```
.border{ border-color:rgb(0, 202, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 202, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 202, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 202, 246);  
box-shadow:4px 4px 4px 4px rgb(0, 202,  
246) }
```

# Background

The CSS property to change the background color of an element to Android 4278242038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 202, 246) }
```

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

```
.background{ background-color: rgb(0, 202,  
246) }
```

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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