

# Converting Colors

Android(4278241786)

Have a look what the booklet for  
Android(4278241786) contains.

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# **Color**

**Android(4278241786)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C9FA
RGB	0, 201, 250
RGB Percent	0%, 79%, 98%
CMY	1.0000, 0.2118, 0.0196
CMYK	1.00, 0.20, 0.00, 0.02
HSL	192°, 100%, 49%
HSV	192°, 100%, 98%
XYZ	38.1420, 48.6754, 97.8275
YIQ	146.4870, -135.5250, -27.3730

# Conversions

## Conversions Part 2

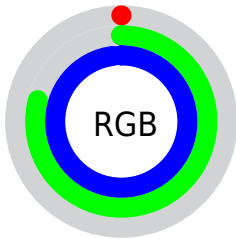
Format	Color
<a href="#">RYB</a>	0, 111, 250
Decimal	51706
CIELab	75.25, -24.51, -35.66
CIELCh	75, 43.275, 235.496
Yxy	48.6754, 0.2066, 0.2636
Android (android.graphics.Color)	4278241786 (0xFF00C9FA)
YUV	146.4870, 51.0319, -128.4691
Hunter-Lab	69.7678, -24.5078, -34.2982

# Details

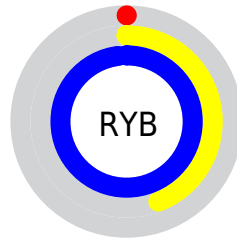
The Android color **4278241786** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **4294586624**, and the grayscale version is **4287795858**.

A 20% lighter version of the original color is **4285661183**, and **4278227905** is the 20% darker color. If you saturate the color by 10%, you get **4278241786**, and if you desaturate by 10%, it is **4279881466**.

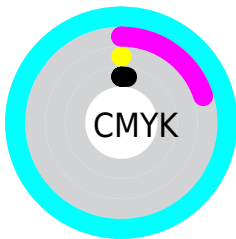
# Distribution



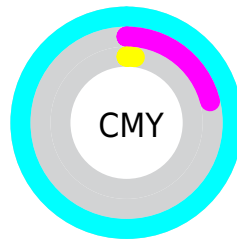
- Red (0%)
- Green (79%)
- Blue (98%)



- Red (0%)
- Yellow (44%)
- Blue (98%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (21%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278241786 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 4278241786 by changing the saturation by 10% instead.



 4278241786

 4278241786

4294967295

 4278234845

 4285661183

 4278227905

 4287954943

 4278221222

 4290117631

 4278214795

 4292214783

 4278208626

 4294311935

 4278202713


 4278197825

 4278190891

 4278190357

 4278241786

 4279881466

 4281521146


 4283160826

 4284800506

 4286440186

 4288079610

 4289719290

 4291358970

 4292998650

# Harmonies

## Analogous

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



4278243034



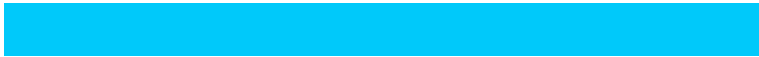
4278241786



4285644799

# Triad

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



4278241786



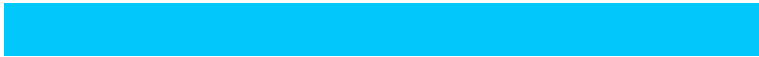
4294941377



4289773936

# Complementary

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



4278241786



4294586624

# 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.



4292392297



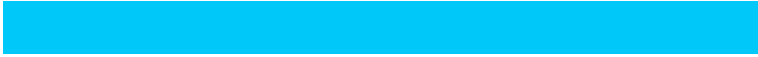
4278241786



4294941849

# Square

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



4278241786



4293305319



4294420345



4286696075

# Rectangle

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



4278241786



4288722687



4294420345



4290690667

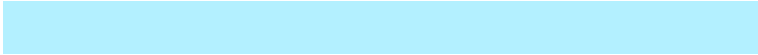


# Sweetspot

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



4278241786



4289982719



4278254126



4283594624



4278190080



4286611584

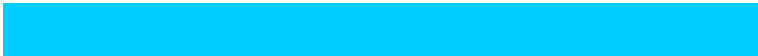


# Same Dimension

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



4278241786



4278242815



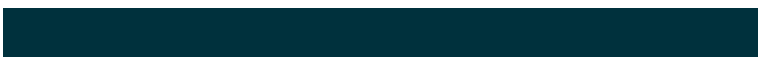
4278210554



4285561725



4278229181



4278202685



# Inverse Universe

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



4294574281



4294901965



4294617856



4286410875



4290576536

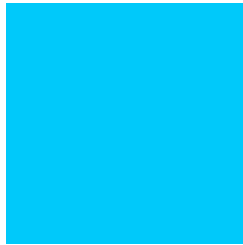


4282187825



# Previews

## White Background



This preview shows how the Android color 4278241786 looks on a white background.

## Color Contrast Check

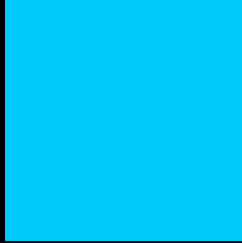
Large Text (above 18pt) WCAG AA × Fail

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 4278241786 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 4278241786 Background



This preview shows how black text looks on a background with the Android color 4278241786.



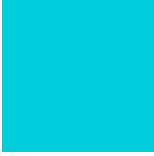
This preview shows how white text looks on a background with the Android color 4278241786.

# 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**  
4278242780

# Trichromacy



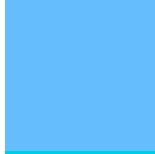
**Original Color**

4278241786



**Protanomaly**

4285316593



**Deuteranomaly**

4284923389



**Tritanomaly**

4278242535

# Monochromacy



**Original Color**

4278241786



**Achromatopsia**

4287795858



**Achromatomaly**

4284327608

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278241786 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, 201, 250)` looks like.

```
.text, #text, p{  
    color:rgb(0, 201, 250)  
}
```

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, 201, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 201, 250) }
```

## Border

The CSS property to change the border of an element to Android 4278241786 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, 201, 250) }
```

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

```
.border{ border-color:rgb(0, 201, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 201, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 201, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 201, 250);  
box-shadow:4px 4px 4px 4px rgb(0, 201,  
250) }
```

# Background

The CSS property to change the background color of an element to Android 4278241786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 201, 250) }
```

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

```
.background{ background-color: rgb(0, 201,  
250) }
```

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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