

# Converting Colors

Android(4278241775)

Have a look what the booklet for  
Android(4278241775) contains.

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# **Color**

**Android(4278241775)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C9EF
RGB	0, 201, 239
RGB Percent	0%, 79%, 94%
CMY	1.0000, 0.2118, 0.0627
CMYK	1.00, 0.16, 0.00, 0.06
HSL	190°, 100%, 47%
HSV	190°, 100%, 94%
XYZ	36.4666, 48.0053, 89.0053
YIQ	145.2330, -131.9940, -30.7940

# Conversions

## Conversions Part 2

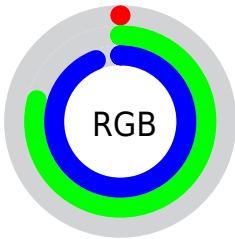
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 109, 239
Decimal	51695
CIELab	74.83, -28.18, -30.40
CIELCh	75, 41.455, 227.171
Yxy	48.0053, 0.2102, 0.2767
Android (android.graphics.Color)	4278241775 (0xFF00C9EF)
YUV	145.2330, 46.2271, -127.3693
Hunter-Lab	69.2858, -27.3018, -27.6645

# Details

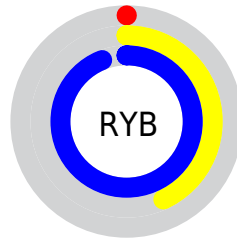
The Android color **4278241775** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **4293862912**, and the grayscale version is **4287730065**.

A 20% lighter version of the original color is **4285530111**, and **4278227895** is the 20% darker color. If you saturate the color by 10%, you get **4278241775**, and if you desaturate by 10%, it is **4279815663**.

# Distribution



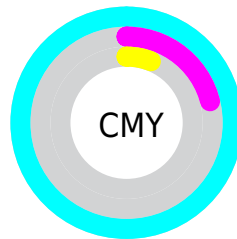
- Red (0%)
- Green (79%)
- Blue (94%)



- Red (0%)
- Yellow (43%)
- Blue (94%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (21%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278241775 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 4278241775 by changing the saturation by 10% instead.



 4278241775

 4278241775

4294967295

 4278234579

 4285530111

 4278227895

 4287823871

 4278221212

 4289921023

 4278214786

 4292018175

 4278208360

 4294115327

 4278202448

 4278197305

 4278190627

 4278190090

 4278241775

 4279815663

 4281389551

 4282963183

 4284537071

 4286045423

 4287619311

 4289193199

 4290766831

 4292340719

# Harmonies

## Analogous

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



4279815373



4278241775



4284596735

# Triad

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



4278241775



4294483146



4290493806

# Complementary

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



4278241775



4293862912

# 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.



4292849774



4278241775



4294941604

# Square

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



4278241775



4292388588



4294550402



4287678083

# Rectangle

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



4278241775



4287609343



4294550402



4291344747

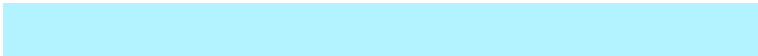


# Sweetspot

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



4278241775



4289983487



4278251300



4283594880



4278190080



4286611584

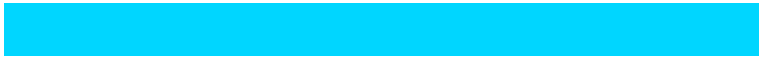


# Same Dimension

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



4278241775



4278245119



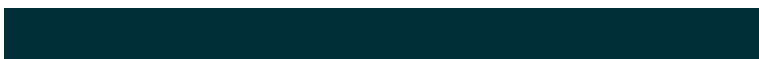
4278211823



4285298296



4278229688



4278202168



# Inverse Universe

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



4293853385



4294901974



4293892864



4286082166



4290248858

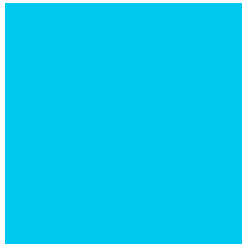


4281860143



# Previews

## White Background



This preview shows how the Android color 4278241775 looks on a white background.

## Color Contrast Check

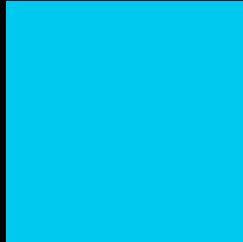
Large Text (above 18pt) WCAG AA × Fail

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 4278241775 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 4278241775 Background



This preview shows how black text looks on a background with the Android color 4278241775.



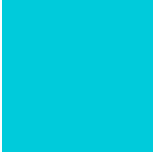
This preview shows how white text looks on a background with the Android color 4278241775.

# 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**  
4278242267

# Trichromacy



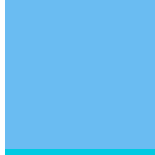
**Original Color**

4278241775



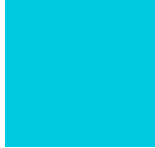
**Protanomaly**

4285447398



**Deuteranomaly**

4285185266



**Tritanomaly**

4278242018

# Monochromacy



**Original Color**

4278241775



**Achromatopsia**

4287730065



**Achromatomaly**

4284261811

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278241775 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, 239)` looks like.

```
.text, #text, p{  
    color:rgb(0, 201, 239)  
}
```

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, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 201, 239) }
```

## Border

The CSS property to change the border of an element to Android 4278241775 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, 239) }
```

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

```
.border{ border-color:rgb(0, 201, 239) }
```

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, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 201, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 201, 239);  
box-shadow:4px 4px 4px 4px rgb(0, 201,  
239) }
```

# Background

The CSS property to change the background color of an element to Android 4278241775 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, 239) }
```

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

```
.background{ background-color: rgb(0, 201,  
239) }
```

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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