

# Converting Colors

Android(4278241769)

Have a look what the booklet for  
Android(4278241769) contains.

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# **Color**

**Android(4278241769)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C9E9
RGB	0, 201, 233
RGB Percent	0%, 79%, 91%
CMY	1.0000, 0.2118, 0.0863
CMYK	1.00, 0.14, 0.00, 0.09
HSL	188°, 100%, 46%
HSV	188°, 100%, 91%
XYZ	35.5946, 47.6565, 84.4134
YIQ	144.5490, -130.0680, -32.6600

# Conversions

## Conversions Part 2

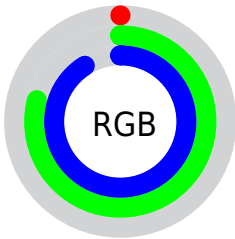
Format	Color
<a href="#">RYB</a>	<a href="#">0, 108, 233</a>
Decimal	<a href="#">51689</a>
CIELab	<a href="#">74.61, -30.15, -27.51</a>
CIELCh	<a href="#">75, 40.815, 222.378</a>
Yxy	<a href="#">47.6565, 0.2123, 0.2842</a>
Android (android.graphics.Color)	<a href="#">4278241769</a> ( <a href="#">0xFF00C9E9</a> )
YUV	<a href="#">144.5490, 43.6063, -126.7695</a>
Hunter-Lab	<a href="#">69.0337, -28.7721, -24.1754</a>

# Details

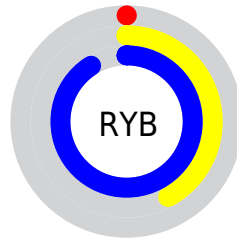
The Android color **4278241769** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **4293468160**, and the grayscale version is **4287664272**.

A 20% lighter version of the original color is **4285464575**, and **4278227889** is the 20% darker color. If you saturate the color by 10%, you get **4278241769**, and if you desaturate by 10%, it is **4279749865**.

# Distribution



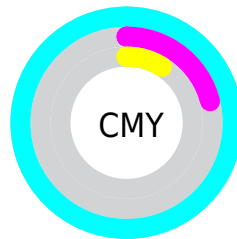
- Red (0%)
- Green (79%)
- Blue (91%)



- Red (0%)
- Yellow (42%)
- Blue (91%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (21%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278241769 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 4278241769 by changing the saturation by 10% instead.



 4278241769

 4278241769

4294967295

 4278234573

 4285464575

 4278227889

 4287692799

 4278221206

 4289855487

 4278214525

 4291952639

 4278208355

 4293984255

 4278202443

 4278197045

 4278190623

 4278190082

■ 4278241769

■ 4279749865

■ 4281323497

■ 4282831849

■ 4284339945

■ 4285913577

■ 4287421673

■ 4288929769

■ 4290438121

■ 4292011753

# Harmonies

## Analogous

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



4281126086



4278241769



4283941630

# Triad

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



4278241769



4294155727



4290886253

# Complementary

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



4278241769



4293468160

# 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.



4293111408



4278241769



4294941353

# Square

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



4278241769



4291864815



4294615431



4288136319

# Rectangle

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



4278241769



4286954239



4294615431



4291671660



# Sweetspot

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



4278241769



4289983743



4278249759



4283595136



4278190080



4286611584

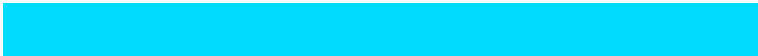


# Same Dimension

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



4278241769



4278246655



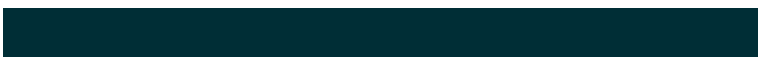
4278212073



4285166709



4278230197



4278201910



# Inverse Universe

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



4293460169



4294901980



4293497856



4285885044



4290052252

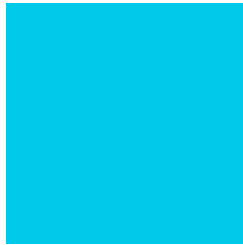


4281729070



# Previews

## White Background



This preview shows how the Android color 4278241769 looks on a white background.

## Color Contrast Check

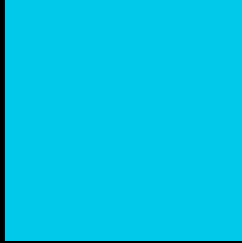
Large Text (above 18pt) WCAG AA × Fail

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 4278241769 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

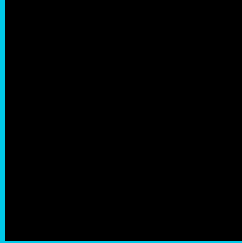
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278241769 Background



This preview shows how black text looks on a background with the Android color 4278241769.



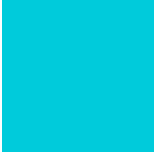
This preview shows how white text looks on a background with the Android color 4278241769.

# 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



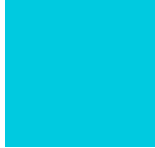
**Original Color**  
4278241769



**Protanomaly**  
4285512928



**Deuteranomaly**  
4285316076



**Tritanomaly**  
4278242016

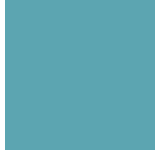
# Monochromacy



**Original Color**  
4278241769



**Achromatopsia**  
4287730065



**Achromatomaly**  
4284261809

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278241769 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, 233)` looks like.

```
.text, #text, p{  
    color:rgb(0, 201, 233)  
}
```

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, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 201, 233) }
```

## Border

The CSS property to change the border of an element to Android 4278241769 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, 233) }
```

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

```
.border{ border-color:rgb(0, 201, 233) }
```

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, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 201, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 201, 233);  
box-shadow:4px 4px 4px 4px rgb(0, 201,  
233) }
```

# Background

The CSS property to change the background color of an element to Android 4278241769 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, 233) }
```

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

```
.background{ background-color: rgb(0, 201,  
233) }
```

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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