

# Converting Colors

Android(4278241771)

Have a look what the booklet for  
Android(4278241771) contains.

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# **Color**

**Android(4278241771)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C9EB
RGB	0, 201, 235
RGB Percent	0%, 79%, 92%
CMY	1.0000, 0.2118, 0.0784
CMYK	1.00, 0.14, 0.00, 0.08
HSL	189°, 100%, 46%
HSV	189°, 100%, 92%
XYZ	35.8820, 47.7714, 85.9269
YIQ	144.7770, -130.7100, -32.0380

# Conversions

## Conversions Part 2

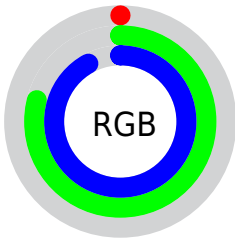
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 108, 235
Decimal	51691
CIELab	74.68, -29.50, -28.48
CIELCh	75, 40.999, 223.991
Yxy	47.7714, 0.2116, 0.2817
Android (android.graphics.Color)	4278241771 (0xFF00C9EB)
YUV	144.7770, 44.4799, -126.9694
Hunter-Lab	69.1169, -28.2863, -25.3282

# Details

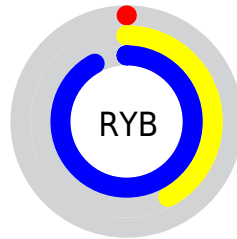
The Android color `4278241771` is a dark color, and the websafe version is hex `00CCFF`. The color can be described as middle washed cyan. A complement of this color would be `4293599744`, and the grayscale version is `4287664272`.

A 20% lighter version of the original color is `4285530111`, and `4278227891` is the 20% darker color. If you saturate the color by 10%, you get `4278241771`, and if you desaturate by 10%, it is `4279749867`.

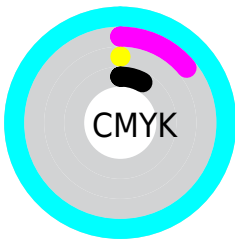
# Distribution



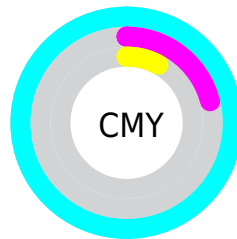
- Red (0%)
- Green (79%)
- Blue (92%)



- Red (0%)
- Yellow (42%)
- Blue (92%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (21%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278241771 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 4278241771 by changing the saturation by 10% instead.



 4278241771

 4278241771

4294967295

 4278234575

 4285530111


 4278227891

 4287758335

 4278221208

 4289855487

 4278214526

 4291952639

 4278208357

 4294049791

 4278202445

 4278197046

 4278190625

 4278190085

 4278241771

 4279749867

 4281323755

 4282897387

 4284405739

 4285979371

 4287487467

 4288995819

 4290569451

 4292077803

# Harmonies

## Analogous

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



4280798409



4278241771



4284203519

# Triad

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



4278241771



4294221262



4290755437

# Complementary

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



4278241771



4293599744

# 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.



4293045871



4278241771



4294941351

# Square

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



4278241771



4291995886



4294615685



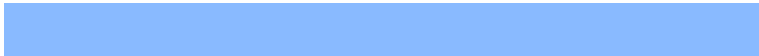
4288005504

# Rectangle

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



4278241771



4287216383



4294615685



4291606380



# Sweetspot

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



4278241771



4289983743



4278250271



4283595136



4278190080



4286611584

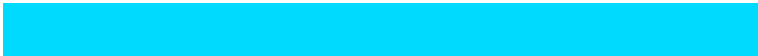


# Same Dimension

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



4278241771



4278246143



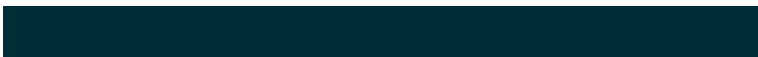
4278212331



4285166709



4278229941



4278201910



# Inverse Universe

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



4293591241



4294901978



4293629184



4285885044



4290052251

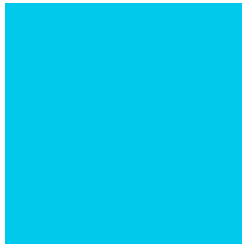


4281729070



# Previews

## White Background



This preview shows how the Android color 4278241771 looks on a white background.

## Color Contrast Check

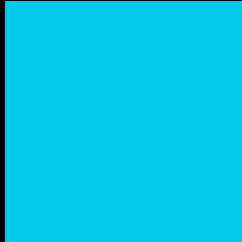
Large Text (above 18pt) WCAG AA × Fail

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 4278241771 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 4278241771 Background



This preview shows how black text looks on a background with the Android color 4278241771.



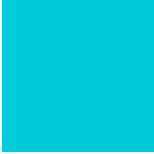
This preview shows how white text looks on a background with the Android color 4278241771.

# 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

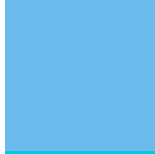
# Trichromacy



**Original Color**  
4278241771



**Protanomaly**  
4285512930



**Deuteranomaly**  
4285316078



**Tritanomaly**  
4278242017

# Monochromacy



**Original Color**  
4278241771



**Achromatopsia**  
4287730065



**Achromatomaly**  
4284261810

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278241771 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(0, 201, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 201, 235) }
```

## Border

The CSS property to change the border of an element to Android 4278241771 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, 235) }
```

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

```
.border{ border-color:rgb(0, 201, 235) }
```

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, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 201, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 201, 235);  
box-shadow:4px 4px 4px 4px rgb(0, 201,  
235) }
```

# Background

The CSS property to change the background color of an element to Android 4278241771 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, 235) }
```

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

```
.background{ background-color: rgb(0, 201,  
235) }
```

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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