

# Converting Colors

Android(4278239213)

Have a look what the booklet for  
Android(4278239213) contains.

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# **Color**

**Android(4278239213)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00BFED
RGB	0, 191, 237
RGB Percent	0%, 75%, 93%
CMY	1.0000, 0.2510, 0.0706
CMYK	1.00, 0.19, 0.00, 0.07
HSL	192°, 100%, 46%
HSV	192°, 100%, 93%
XYZ	33.9169, 43.3760, 86.7056
YIQ	139.1350, -128.6020, -26.1860

# Conversions

## Conversions Part 2

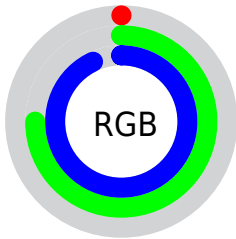
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 106, 237
Decimal	49133
CIELab	71.81, -23.84, -33.98
CIELCh	72, 41.512, 234.946
Yxy	43.3760, 0.2068, 0.2645
Android (android.graphics.Color)	4278239213 (0xFF00BFED)
YUV	139.1350, 48.2474, -122.0214
Hunter-Lab	65.8605, -23.3318, -31.9532

# Details

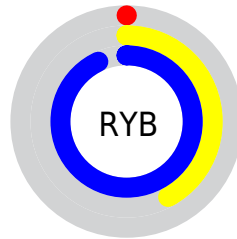
The Android color `4278239213` is a dark color, and the websafe version is hex `00CCFF`. The color can be described as middle washed azure. A complement of this color would be `4293733888`, and the grayscale version is `4287335307`.

A 20% lighter version of the original color is `4285462783`, and `4278225333` is the 20% darker color. If you saturate the color by 10%, you get `4278239213`, and if you desaturate by 10%, it is `4279813357`.

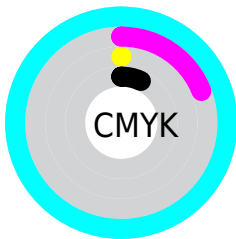
# Distribution



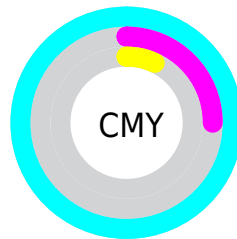
- Red (0%)
- Green (75%)
- Blue (93%)



- Red (0%)
- Yellow (42%)
- Blue (93%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (25%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278239213 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 4278239213 by changing the saturation by 10% instead.





4278239213



4278239213

4294967295



4278232273



4285462783



4278225333



4287692799



4278218906



4289789951



4278212480



4291887103



4278206567



4293984255



4278200654



4278194231



4278190625



4278190086

 4278239213

 4279813357

 4281321709

 4282895853

 4284469741

 4285978349

 4287552493

 4289126381

 4290700525

 4292208877

# Harmonies

## Analogous

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



4278240463



4278239213



4285183739

# Triad

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



4278239213



4294218424



4289247082

# Complementary

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



4278239213



4293733888

# 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.



4291734628



4278239213



4294546578

# Square

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



4278239213



4292451292



4293631603



4286365827

# Rectangle

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



4278239213



4288130553



4293631603



4290163813

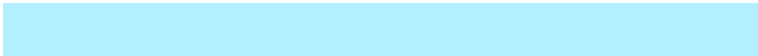


# Sweetspot

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



4278239213



4289982719



4278250795



4283594624



4278190080



4286611584

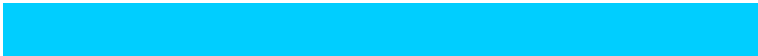


# Same Dimension

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



4278239213



4278243071



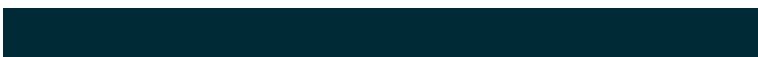
4278209517



4285166453



4278227637



4278201142



# Inverse Universe

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



4293722303



4294901966



4293763584



4285885043



4290052242

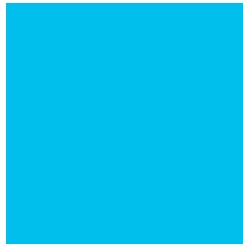


4281729067



# Previews

## White Background



This preview shows how the Android color 4278239213 looks on a white background.

## Color Contrast Check

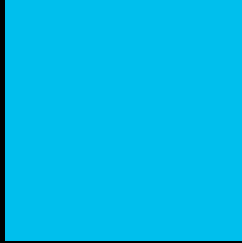
Large Text (above 18pt) WCAG AA × Fail

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 4278239213 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 4278239213 Background



This preview shows how black text looks on a background with the Android color 4278239213.



This preview shows how white text looks on a background with the Android color 4278239213.

# 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





# Trichromacy



**Original Color**

4278239213



**Protanomaly**

4284986596



**Deuteranomaly**

4284593392



**Tritanomaly**

4278239707

# Monochromacy



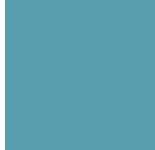
**Original Color**

4278239213



**Achromatopsia**

4287335307



**Achromatomaly**

4283997871

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278239213 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, 191, 237)` looks like.

```
.text, #text, p{  
    color:rgb(0, 191, 237)  
}
```

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, 191, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 191, 237) }
```

## Border

The CSS property to change the border of an element to Android 4278239213 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, 191, 237) }
```

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

```
.border{ border-color:rgb(0, 191, 237) }
```

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

Here you see how a box with a 4 pixel rgb(0, 191, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 191, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 191, 237);  
box-shadow:4px 4px 4px 4px rgb(0, 191,  
237) }
```

# Background

The CSS property to change the background color of an element to Android 4278239213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 191, 237) }
```

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

```
.background{ background-color: rgb(0, 191,  
237) }
```

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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