

# Converting Colors

Android(4278244821)

Have a look what the booklet for  
Android(4278244821) contains.

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# **Color**

**Android(4278244821)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D5D5
RGB	0, 213, 213
RGB Percent	0%, 84%, 84%
CMY	1.0000, 0.1647, 0.1647
CMYK	1.00, 0.00, 0.00, 0.16
HSL	180°, 100%, 42%
HSV	180°, 100%, 84%
XYZ	35.8045, 52.3926, 71.1765
YIQ	149.3130, -126.9480, -45.1560

# Conversions

## Conversions Part 2

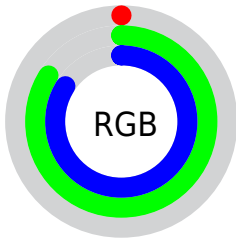
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 107, 213
Decimal	54741
CIELab	77.52, -41.97, -12.34
CIELCh	78, 43.752, 196.386
Yxy	52.3926, 0.2247, 0.3287
Android (android.graphics.Color)	4278244821 (0xFF00D5D5)
YUV	149.3130, 31.3977, -130.9475
Hunter-Lab	72.3827, -38.3738, -7.6340

# Details

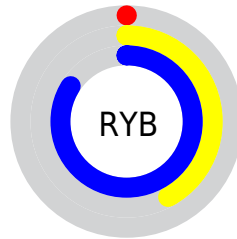
The Android color **4278244821** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **4292149248**, and the grayscale version is **4287993237**.

A 20% lighter version of the original color is **4285399039**, and **4278230686** is the 20% darker color. If you saturate the color by 10%, you get **4278244821**, and if you desaturate by 10%, it is **4279621077**.

# Distribution



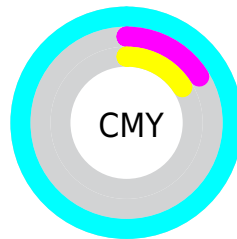
- Red (0%)
- Green (84%)
- Blue (84%)



- Red (0%)
- Yellow (42%)
- Blue (84%)



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



- Cyan (100%)
- Magenta (16%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278244821 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 4278244821 by changing the saturation by 10% instead.



 4278244821

 4278244821

4294967295

 4278237625

 4285399039

 4278230686

 4287627263

 4278223748

 4289724415

 4278217067

 4291821567

 4278210643

 4293918719

 4278204476

 4278199078

 4278190354

 4278190080

 4278244821

 4279621077

 4281062869

 4282439125

 4283815381

 4285257173

 4286633429

 4288009685

 4289385941

 4290827733

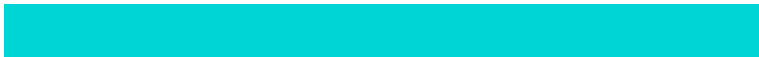
# Harmonies

## Analogous

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



4284535979



4278244821



4278244089

# Triad

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



4278244821



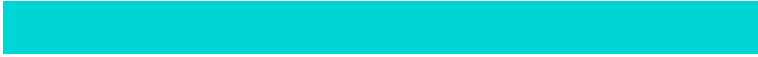
4292914680



4293572465

# Complementary

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



4278244821



4292149248

# 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.



4294945159



4278244821



4294943444

# Square

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



4278244821



4289248511



4294942891



4291085424

# Rectangle

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



4278244821



4282502399



4294942891



4294226550



# Sweetspot

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



4278244821



4289986559



4278244608



4283596928



4278190080



4286611584



# Same Dimension

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



4278244821



4278255615



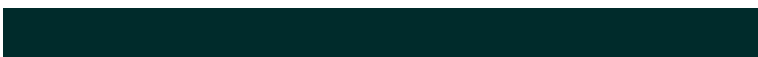
4278217685



4284509035



4278234027



4278201131



# Inverse Universe

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



4292149461



4294902015



4292176640



4285227115



4289396907

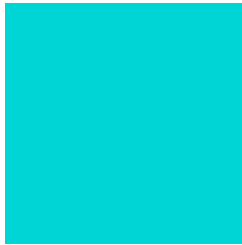


4281008171



# Previews

## White Background



This preview shows how the Android color 4278244821 looks on a white background.

## Color Contrast Check

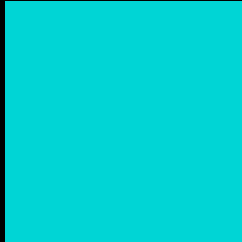
Large Text (above 18pt) WCAG AA × Fail

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 4278244821 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

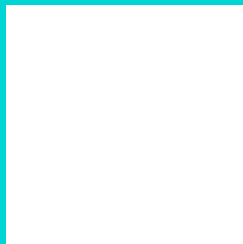
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278244821 Background



This preview shows how black text looks on a background with the Android color 4278244821.



This preview shows how white text looks on a background with the Android color 4278244821.

# 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

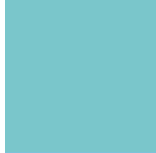




# Trichromacy



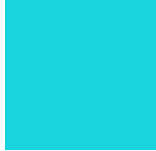
**Original Color**  
4278244821



**Protanomaly**  
4286236363

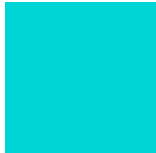


**Deuteranomaly**  
4286366681



**Tritanomaly**  
4279882975

# Monochromacy



**Original Color**  
4278244821



**Achromatopsia**  
4287993237



**Achromatomaly**  
4284460204

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278244821 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, 213, 213)` looks like.

```
.text, #text, p{  
    color:rgb(0, 213, 213)  
}
```

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, 213, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 213, 213) }
```

## Border

The CSS property to change the border of an element to Android 4278244821 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, 213, 213) }
```

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

```
.border{ border-color:rgb(0, 213, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 213, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 213, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 213, 213);  
box-shadow:4px 4px 4px 4px rgb(0, 213,  
213) }
```

# Background

The CSS property to change the background color of an element to Android 4278244821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 213, 213) }
```

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

```
.background{ background-color: rgb(0, 213,  
213) }
```

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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