

# Converting Colors

Android(4278246106)

Have a look what the booklet for  
Android(4278246106) contains.

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# **Color**

**Android(4278246106)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00DADA
RGB	0, 218, 218
RGB Percent	0%, 85%, 85%
CMY	1.0000, 0.1451, 0.1451
CMYK	1.00, 0.00, 0.00, 0.15
HSL	180°, 100%, 43%
HSV	180°, 100%, 85%
XYZ	37.7263, 55.2048, 74.9969
YIQ	152.8180, -129.9280, -46.2160

# Conversions

## Conversions Part 2

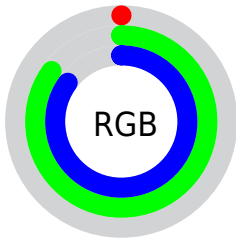
Format	Color
<b>RYB</b>	0, 109, 218
Decimal	56026
CIELab	79.16, -42.71, -12.56
CIELCh	79, 44.521, 196.386
Yxy	55.2048, 0.2247, 0.3287
Android (android.graphics.Color)	4278246106 (0xFF00DADA)
YUV	152.8180, 32.1347, -134.0214
Hunter-Lab	74.2999, -39.3902, -7.8362

# Details

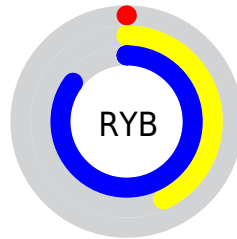
The Android color **4278246106** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **4292476928**, and the grayscale version is **4288256409**.

A 20% lighter version of the original color is **4285530111**, and **4278231715** is the 20% darker color. If you saturate the color by 10%, you get **4278246106**, and if you desaturate by 10%, it is **4279687898**.

# Distribution



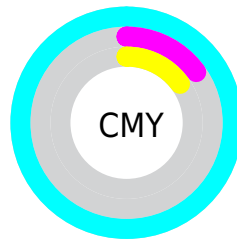
- Red (0%)
- Green (85%)
- Blue (85%)



- Red (0%)
- Yellow (43%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (15%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278246106 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 4278246106 by changing the saturation by 10% instead.



 4278246106

 4278246106

4294967295

 4278238910

 4285530111


 4278231715

 4287758335

 4278224777

 4289855487

 4278218096

 4291952639

 4278211671

 4294049791

 4278205504

 4278200106

 4278190358

 4278190080

 4278246106

 4279687898

 4281129690

 4282505946


 4283947738

 4285389530

 4286831322

 4288273114

 4289649370

 4291091162

# Harmonies

## Analogous

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



4284668335



4278246106



4278245119

# Triad

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



4278246106



4293243390



4293901171

# Complementary

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



4278246106



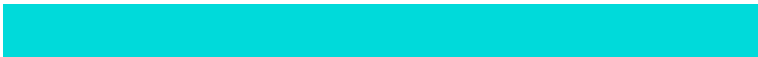
4292476928

# 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.



4294946186



4278246106



4294944217

# Square

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



4278246106



4289511679



4294943919



4291348851

# Rectangle

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



4278246106



4282634751



4294943919



4294620793



# Sweetspot

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



4278246106



4289986559



4278245888



4283596928



4278190080

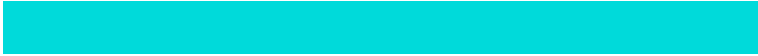


4286611584



# Same Dimension

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



4278246106



4278255615



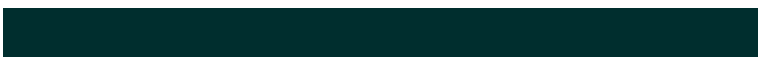
4278218202



4284706414



4278234541



4278201902



# Inverse Universe

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



4292477146



4294902015



4292504832



4285424494



4289527981

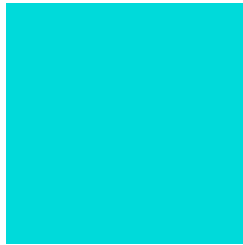


4281204782



# Previews

## White Background



This preview shows how the Android color 4278246106 looks on a white background.

## Color Contrast Check

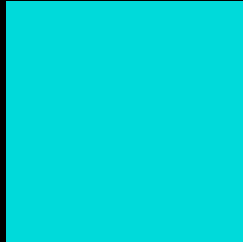
Large Text (above 18pt) WCAG AA × Fail

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 4278246106 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

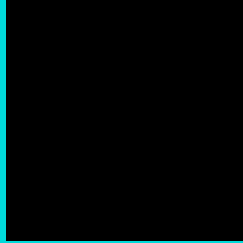
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

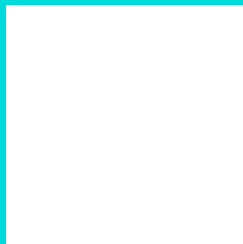
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278246106 Background



This preview shows how black text looks on a background with the Android color 4278246106.



This preview shows how white text looks on a background with the Android color 4278246106.

# 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**

4278246106



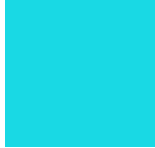
**Protanomaly**

4286368464



**Deuteranomaly**

4286564574



**Tritanomaly**

4279884260

# Monochromacy



**Original Color**

4278246106



**Achromatopsia**

4288256409



**Achromatomaly**

4284592561

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278246106 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, 218, 218)` looks like.

```
.text, #text, p{  
    color:rgb(0, 218, 218)  
}
```

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, 218, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 218, 218) }
```

## Border

The CSS property to change the border of an element to Android 4278246106 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, 218, 218) }
```

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

```
.border{ border-color:rgb(0, 218, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 218, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 218, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 218, 218);  
box-shadow:4px 4px 4px 4px rgb(0, 218,  
218) }
```

# Background

The CSS property to change the background color of an element to Android 4278246106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 218, 218) }
```

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

```
.background{ background-color: rgb(0, 218,  
218) }
```

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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