

# Converting Colors

Android(4278242506)

Have a look what the booklet for  
Android(4278242506) contains.

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# **Color**

**Android(4278242506)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00CCCA
RGB	0, 204, 202
RGB Percent	0%, 80%, 79%
CMY	1.0000, 0.2000, 0.2078
CMYK	1.00, 0.00, 0.01, 0.20
HSL	179°, 100%, 40%
HSV	179°, 100%, 80%
XYZ	32.2535, 47.4500, 63.3359
YIQ	142.7760, -120.9420, -43.8700

# Conversions

## Conversions Part 2

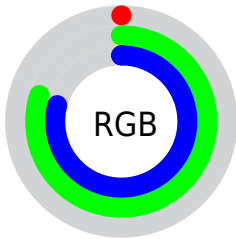
Format	Color
<b>RYB</b>	0, 103, 204
Decimal	52426
CIELab	74.48, -41.23, -10.96
CIELCh	74, 42.665, 194.883
Yxy	47.4500, 0.2255, 0.3317
Android (android.graphics.Color)	4278242506 (0xFF00CCCA)
YUV	142.7760, 29.1974, -125.2146
Hunter-Lab	68.8840, -36.9679, -6.2959

# Details

The Android color **4278242506** 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 **4291559426**, and the grayscale version is **4287598479**.

A 20% lighter version of the original color is **4285202431**, and **4278228372** is the 20% darker color. If you saturate the color by 10%, you get **4278242506**, and if you desaturate by 10%, it is **4279553226**.

# Distribution



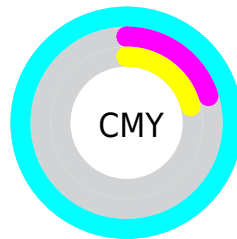
- Red (0%)
- Green (80%)
- Blue (79%)



- Red (0%)
- Yellow (40%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278242506 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 4278242506 by changing the saturation by 10% instead.



 4278242506

 4278242506

4294967295

 4278235311

 4285202431

 4278228372

 4287430655

 4278221690

 4289462271

 4278215010

 4291559423

 4278208586

 4293591039

 4278202675

 4278196510

 4278190083

 4278190080

 4278242506

 4279553226

 4280929482

 4282240203

 4283616459

 4284927179

 4286237899

 4287614155

 4288924876

 4290301132

# Harmonies

## Analogous

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



4284337057



4278242506



4278241773

# Triad

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



4278242506



4292126447



4293045867

# Complementary

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



4278242506



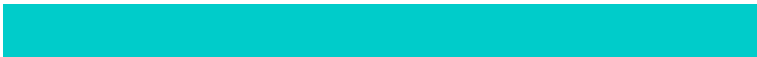
4291559426

# 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.



4294680962



4278242506



4294417357

# Square

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



4278242506



4288525567



4294941093



4290624362

# Rectangle

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



4278242506



4281779453



4294941093



4293699953

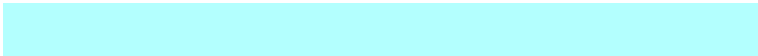


# Sweetspot

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



4278242506



4289986558



4278438912



4283596927



4278190080



4286611584



# Same Dimension

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



4278242506



4278255613



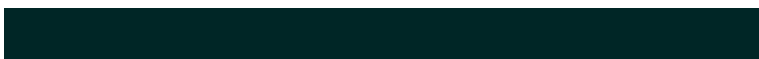
4278217164



4284245606



4278232740



4278199846



# Inverse Universe

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



4291559426



4294901763



4291584768



4284898396



4289069058

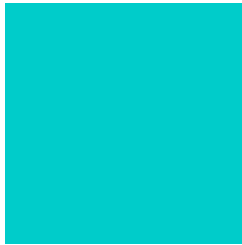


4280680448



# Previews

## White Background



This preview shows how the Android color 4278242506 looks on a white background.

## Color Contrast Check

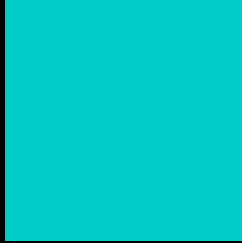
Large Text (above 18pt) WCAG AA × Fail

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 4278242506 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

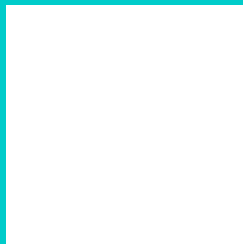
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278242506 Background



This preview shows how black text looks on a background with the Android color 4278242506.

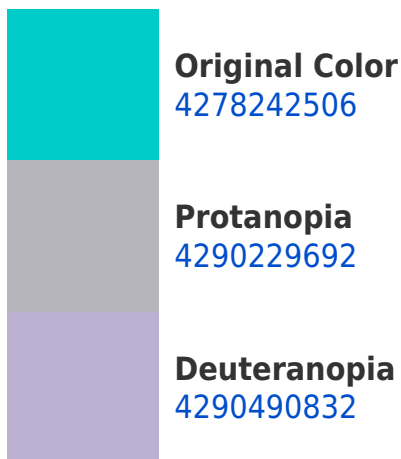


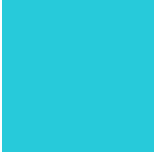
This preview shows how white text looks on a background with the Android color 4278242506.

# 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





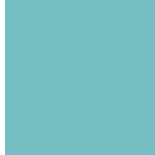
**Tritanopia**  
4280797914

# Trichromacy



**Original Color**

4278242506



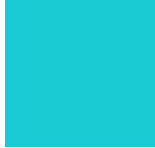
**Protanomaly**

4285840833



**Deuteranomaly**

4286036942



**Tritanomaly**

4279880660

# Monochromacy



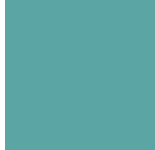
**Original Color**

4278242506



**Achromatopsia**

4287598479



**Achromatomaly**

4284196260

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278242506 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, 204, 202)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 202)  
}
```

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, 204, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 202) }
```

## Border

The CSS property to change the border of an element to Android 4278242506 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, 204, 202) }
```

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

```
.border{ border-color:rgb(0, 204, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 204, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 202);  
box-shadow:4px 4px 4px 4px rgb(0, 204,  
202) }
```

# Background

The CSS property to change the background color of an element to Android 4278242506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 204, 202) }
```

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

```
.background{ background-color: rgb(0, 204,  
202) }
```

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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