

# Converting Colors

Android(4278242464)

Have a look what the booklet for  
Android(4278242464) contains.

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# **Color**

**Android(4278242464)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00CCA0
RGB	0, 204, 160
RGB Percent	0%, 80%, 63%
CMY	1.0000, 0.2000, 0.3725
CMYK	1.00, 0.00, 0.22, 0.20
HSL	167°, 100%, 40%
HSV	167°, 100%, 80%
XYZ	27.9380, 45.7238, 40.6108
YIQ	137.9880, -107.4600, -56.9320

# Conversions

## Conversions Part 2

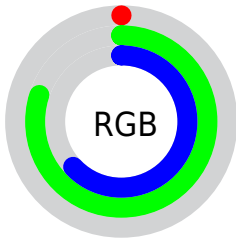
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 114, 204
Decimal	52384
CIELab	73.37, -52.75, 10.11
CIELCh	73, 53.712, 169.146
Yxy	45.7238, 0.2445, 0.4001
Android (android.graphics.Color)	4278242464 (0xFF00CCA0)
YUV	137.9880, 10.8519, -121.0155
Hunter-Lab	67.6194, -44.5838, 11.7252

# Details

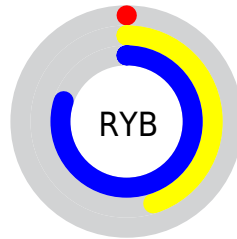
The Android color `4278242464` is a dark color, and the websafe version is hex `00CC99`. The color can be described as dark washed spring green. A complement of this color would be `4291559468`, and the grayscale version is `4287269514`.

A 20% lighter version of the original color is `4284940247`, and `4278228333` is the 20% darker color. If you saturate the color by 10%, you get `4278242464`, and if you desaturate by 10%, it is `4279553188`.

# Distribution



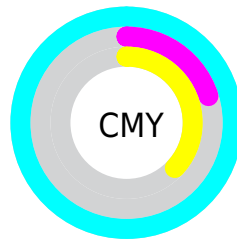
- Red (0%)
- Green (80%)
- Blue (63%)



- Red (0%)
- Yellow (45%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278242464 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 4278242464 by changing the saturation by 10% instead.



 4278242464

 4278242464

4294967295

 4278235270

 4284940247


 4278228333

 4287102963

 4278221396

 4289134591

 4278214717

 4291166207

 4278208295

 4293197823

 4278202387

 4278195200

 4278190080

 4278242464

 4279553188

 4280929449

 4282240173

 4283616434

 4284927158

 4286237882

 4287614143

 4288924867

 4290301128

# Harmonies

## Analogous

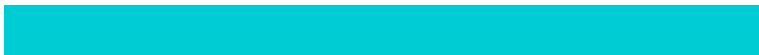
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4286170737



4278242464



4278242771

# Triad

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



4278242464



4288327423



4294941035

# Complementary

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



4278242464



4291559468

# 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.



4294937751



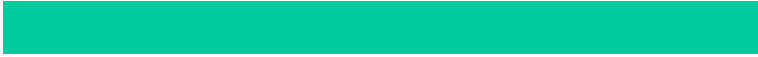
4278242464



4292844533

# Square

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



4278242464



4278239231



4294937800



4292914001

# Rectangle

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



4278242464



4278242289



4294937800



4294939768

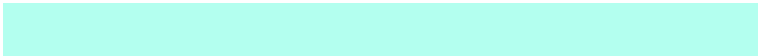


# Sweetspot

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



4278242464



4289986543



4281125888



4283596918



4278190080



4286611584



# Same Dimension

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



4278242464



4278255560



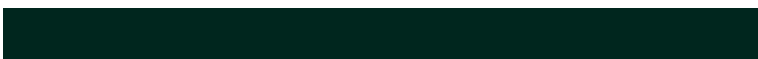
4278227660



4284245604



4278232706



4278199838



# Inverse Universe

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



4291559468



4294901815



4291574272



4284898398



4289069092

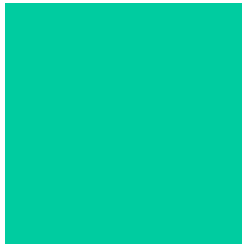


4280680456



# Previews

## White Background



This preview shows how the Android color 4278242464 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 4278242464 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

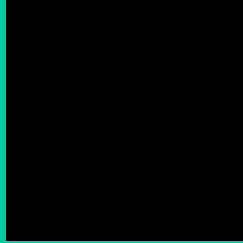
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4278242464 Background



This preview shows how black text looks on a background with the Android color 4278242464.

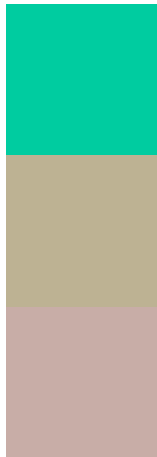


This preview shows how white text looks on a background with the Android color 4278242464.

# 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



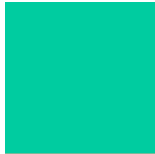
**Original Color**  
4278242464

**Protanopia**  
4290622099

**Deuteranopia**  
4291341735



# Trichromacy



**Original Color**

4278242464



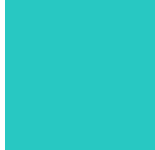
**Protanomaly**

4286102424



**Deuteranomaly**

4286560420



**Tritanomaly**

4280862914

# Monochromacy



**Original Color**

4278242464



**Achromatopsia**

4287269514



**Achromatomaly**

4283998866

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278242464 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, 160)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 160)  
}
```

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, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 160) }
```

## Border

The CSS property to change the border of an element to Android 4278242464 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, 160) }
```

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

```
.border{ border-color:rgb(0, 204, 160) }
```

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, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 160);  
box-shadow:4px 4px 4px 4px rgb(0, 204,  
160) }
```

# Background

The CSS property to change the background color of an element to Android 4278242464 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, 160) }
```

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

```
.background{ background-color: rgb(0, 204,  
160) }
```

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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