

# Converting Colors

Android(4278239914)

Have a look what the booklet for  
Android(4278239914) contains.

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# **Color**

**Android(4278239914)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C2AA
RGB	0, 194, 170
RGB Percent	0%, 76%, 67%
CMY	1.0000, 0.2392, 0.3333
CMYK	1.00, 0.00, 0.12, 0.24
HSL	173°, 100%, 38%
HSV	173°, 100%, 76%
XYZ	26.5475, 41.4859, 44.6386
YIQ	133.2580, -107.9200, -48.5920

# Conversions

## Conversions Part 2

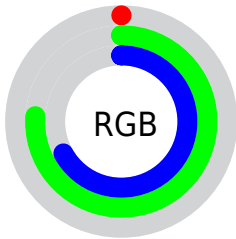
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 103, 194
Decimal	49834
CIELab	70.51, -46.07, 0.59
CIELCh	71, 46.076, 179.268
Yxy	41.4859, 0.2356, 0.3682
Android (android.graphics.Color)	4278239914 (0xFF00C2AA)
YUV	133.2580, 18.1138, -116.8673
Hunter-Lab	64.4095, -39.1448, 3.9961

# Details

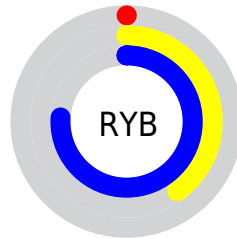
The Android color **4278239914** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **4290904088**, and the grayscale version is **4286940549**.

A 20% lighter version of the original color is **4284873697**, and **4278225782** is the 20% darker color. If you saturate the color by 10%, you get **4278239914**, and if you desaturate by 10%, it is **4279485100**.

# Distribution



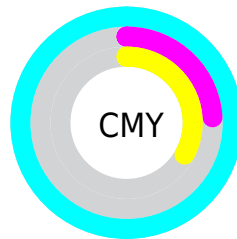
- Red (0%)
- Green (76%)
- Blue (67%)



- Red (0%)
- Yellow (40%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278239914 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 4278239914 by changing the saturation by 10% instead.



 4278239914

 4278239914

4294967295

 4278232720

 4284873697

 4278225782

 4286971902

 4278219101

 4289003519

 4278212678

 4291035135

 4278206256

 4293066751

 4278200859

 4278191104

 4278190080

 4278239914

 4279485100

 4280795823

 4282041009

 4283351732

 4284596918

 4285842104

 4287152827

 4288398013

 4289708736

# Harmonies

## Analogous

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



4285120128



4278239914



4278239700

# Triad

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



4278239914



4289635062



4293434213

# Complementary

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



4278239914



4290904088

# 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.



4294676102



4278239914



4292907992

# Square

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



4278239914



4284854783



4294544047



4291275351

# Rectangle

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



4278239914



4278238955



4294544047



4293957231

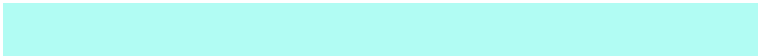


# Sweetspot

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



4278239914



4289854707



4279943680



4283596922



4278190080



4286611584



# Same Dimension

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



4278239914



4278254813



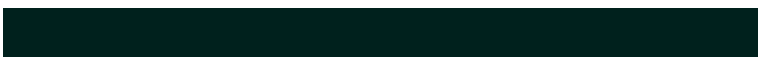
4278221762



4283916640



4278231437



4278198557



# Inverse Universe

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



4290904088



4294705183



4290922240



4284569432



4288741396

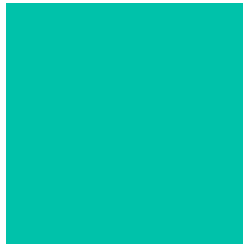


4280352772



# Previews

## White Background



This preview shows how the Android color 4278239914 looks on a white background.

## Color Contrast Check

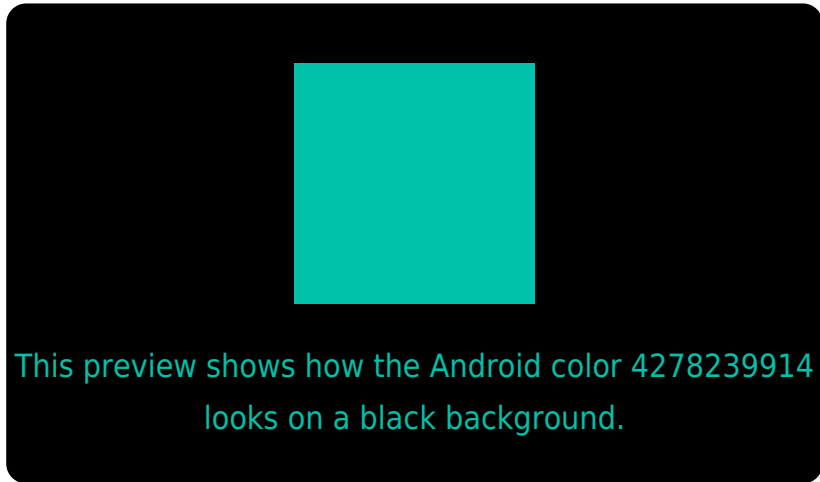
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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

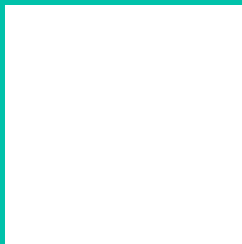
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278239914 Background



This preview shows how black text looks on a background with the Android color 4278239914.

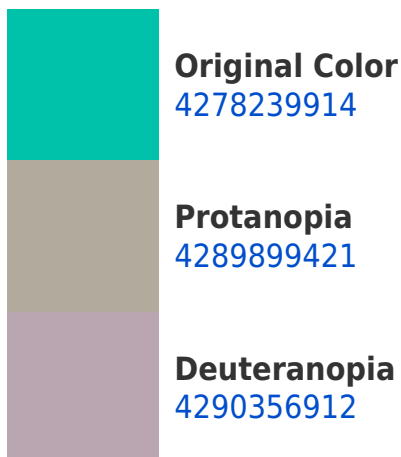


This preview shows how white text looks on a background with the Android color 4278239914.

# 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**

4278239914



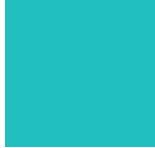
**Protanomaly**

4285641634



**Deuteranomaly**

4285968558



**Tritanomaly**

4280401856

# Monochromacy



**Original Color**

4278239914



**Achromatopsia**

4286940549



**Achromatomaly**

4283800466

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278239914 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, 194, 170)` looks like.

```
.text, #text, p{  
    color:rgb(0, 194, 170)  
}
```

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, 194, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 194, 170) }
```

## Border

The CSS property to change the border of an element to Android 4278239914 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, 194, 170) }
```

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

```
.border{ border-color:rgb(0, 194, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 194, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 194, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 194, 170);  
box-shadow:4px 4px 4px 4px rgb(0, 194,  
170) }
```

# Background

The CSS property to change the background color of an element to Android 4278239914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 194, 170) }
```

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

```
.background{ background-color: rgb(0, 194,  
170) }
```

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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