

# Converting Colors

Android(4278374832)

Have a look what the booklet for  
Android(4278374832) contains.

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# **Color**

**Android(4278374832)**

# Conversions

## Conversions Part 1

Format	Color
Hex	02D1B0
RGB	2, 209, 176
RGB Percent	1%, 82%, 69%
CMY	0.9922, 0.1804, 0.3098
CMYK	0.99, 0.00, 0.16, 0.18
HSL	170°, 98%, 41%
HSV	170°, 99%, 82%
XYZ	30.6620, 48.7484, 48.8676
YIQ	143.3450, -112.7790, -54.1470

# Conversions

## Conversions Part 2

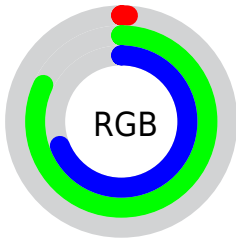
Format	Color
<b>RYB</b>	2, 114, 209
Decimal	184752
CIELab	75.29, -50.59, 4.28
CIELCh	75, 50.773, 175.167
Yxy	48.7484, 0.2390, 0.3800
Android (android.graphics.Color)	4278374832 (0xFF02D1B0)
YUV	143.3450, 16.0989, -123.9596
Hunter-Lab	69.8201, -43.7956, 7.3765

# Details

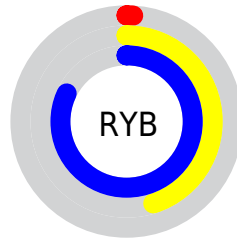
The Android color **4278374832** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **4291887651**, and the grayscale version is **4287598479**.

A 20% lighter version of the original color is **4285136872**, and **4278229372** is the 20% darker color. If you saturate the color by 10%, you get **4278243760**, and if you desaturate by 10%, it is **4279751091**.

# Distribution



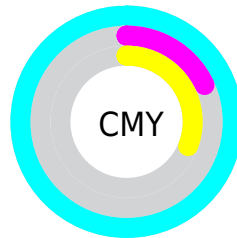
- Red (1%)
- Green (82%)
- Blue (69%)



- Red (1%)
- Yellow (45%)
- Blue (82%)



- Cyan (99%)
- Magenta (0%)
- Yellow (16%)
- Black (18%)



- Cyan (99%)
- Magenta (18%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278374832 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 4278374832 by changing the saturation by 10% instead.



 4278374832

 4278374832

4294967295

 4278236565

 4285136872

 4278229372

 4287299583

 4278222691

 4289396735

 4278216011

 4291428351

 4278209332

 4293459967

 4278203423

 4278197000

 4278190080

 4278374832

 4278374832

■ 4278243760

■ 4279751091

■ 4281127351

■ 4282503610

■ 4283879869

■ 4285256129

■ 4286566852

■ 4287943111

■ 4289319371

■ 4290695630

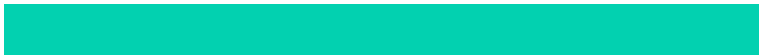
# Harmonies

## Analogous

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



4285975682



4278374832



4278243808

# Triad

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



4278374832



4289835263



4294943598

# Complementary

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



4278374832



4291887651

# 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.



4294940308



4278374832



4293697264

# Square

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



4278374832



4283875839



4294939587



4292654170

# Rectangle

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



4278374832



4278243067



4294939587



4294942329

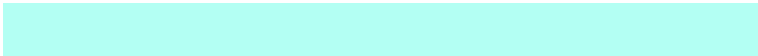


# Sweetspot

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



4278374832



4289986547



4280602882



4283596920



4278190080



4286611584



# Same Dimension

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



4278374832



4278255574



4278357201



4284377447



4278233229



4278200610



# Inverse Universe

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



4291887651



4294901801



4291905282



4285095520



4289200155

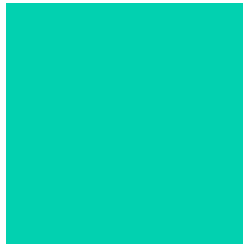


4280877063



# Previews

## White Background



This preview shows how the Android color 4278374832 looks on a white background.

## Color Contrast Check

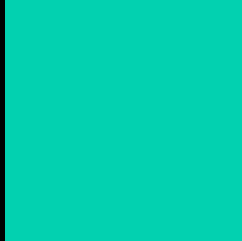
Large Text (above 18pt) WCAG AA × Fail

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 4278374832 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 4278374832 Background



This preview shows how black text looks on a background with the Android color 4278374832.

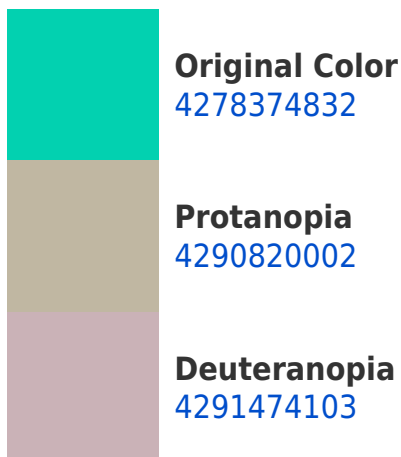


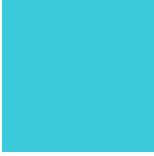
This preview shows how white text looks on a background with the Android color 4278374832.

# 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](#).

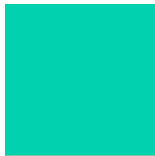
## Dichromacy





**Tritanopia**  
4282108891

# Trichromacy



**Original Color**

4278374832



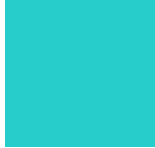
**Protanomaly**

4286300327



**Deuteranomaly**

4286692788



**Tritanomaly**

4280733131

# Monochromacy



**Original Color**

4278374832



**Achromatopsia**

4287598479



**Achromatomaly**

4284262299

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278374832 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(2, 209, 176)` looks like.

```
.text, #text, p{  
    color:rgb(2, 209, 176)  
}
```

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(2, 209, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 209, 176) }
```

## Border

The CSS property to change the border of an element to Android 4278374832 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(2, 209, 176) }
```

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

```
.border{ border-color:rgb(2, 209, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 209, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 209, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 209, 176);  
box-shadow:4px 4px 4px 4px rgb(2, 209,  
176) }
```

# Background

The CSS property to change the background color of an element to Android 4278374832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 209, 176) }
```

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

```
.background{ background-color: rgb(2, 209,  
176) }
```

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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