

# Converting Colors

Android(4278243750)

Have a look what the booklet for  
Android(4278243750) contains.

<b>Android(4278243750)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4278243750)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D1A6
RGB	0, 209, 166
RGB Percent	0%, 82%, 65%
CMY	1.0000, 0.1804, 0.3490
CMYK	1.00, 0.00, 0.21, 0.18
HSL	168°, 100%, 41%
HSV	168°, 100%, 82%
XYZ	29.6834, 48.3541, 43.8452
YIQ	141.6070, -110.7610, -57.6810

# Conversions

## Conversions Part 2

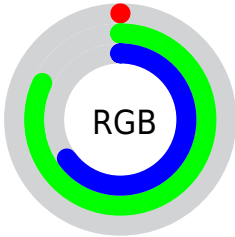
Format	Color
<a href="#">RYB</a>	<a href="#">0, 116, 209</a>
Decimal	<a href="#">53670</a>
CIELab	<a href="#">75.05, -53.22, 9.29</a>
CIElCh	<a href="#">75, 54.021, 170.099</a>
Yxy	<a href="#">48.3541, 0.2435, 0.3967</a>
Android (android.graphics.Color)	<a href="#">4278243750 (0xFF00D1A6)</a>
YUV	<a href="#">141.6070, 12.0257, -124.1893</a>
Hunter-Lab	<a href="#">69.5371, -45.4934, 11.2919</a>

# Details

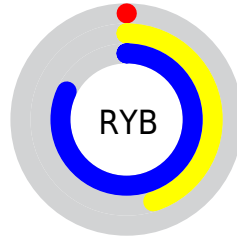
The Android color `4278243750` is a dark color, and the websafe version is hex `00CC99`. The color can be described as dark washed spring green. A complement of this color would be `4291887147`, and the grayscale version is `4287532686`.

A 20% lighter version of the original color is `4285071325`, and `4278229362` is the 20% darker color. If you saturate the color by 10%, you get `4278243750`, and if you desaturate by 10%, it is `4279620010`.

# Distribution



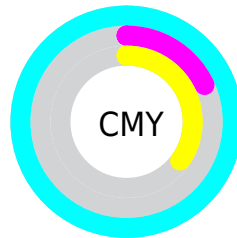
- Red (0%)
- Green (82%)
- Blue (65%)



- Red (0%)
- Yellow (45%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278243750 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 4278243750 by changing the saturation by 10% instead.



 4278243750

 4278243750

4294967295

 4278236556

 4285071325

 4278229362

 4287234042

 4278222426

 4289265663

 4278215746

 4291362815

 4278209324

 4293394431

 4278203159

 4278196736

 4278190080

 4278243750

 4279620010

 4280996271

 4282372531

 4283748791

 4285125051

 4286435776

 4287812036

 4289188296

 4290564557

# Harmonies

## Analogous

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



4286303095



4278243750



4278244057

# Triad

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



4278243750



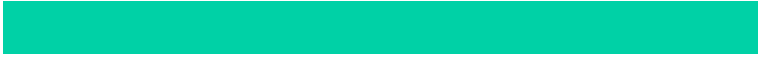
4288852735



4294942318

# Complementary

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



4278243750



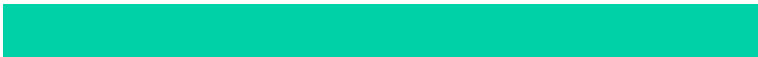
4291887147

# 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.



4294938777



4278243750



4293304313

# Square

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



4278243750



4280140799



4294938827



4293177428

# Rectangle

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



4278243750



4278243575



4294938827



4294940795

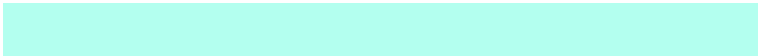


# Sweetspot

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



4278243750



4289986543



4281192704



4283596918



4278190080

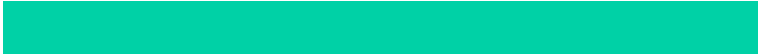


4286611584



# Same Dimension

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



4278243750



4278255563



4278228689



4284377446



4278233222



4278200608



# Inverse Universe

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



4291887147



4294901812



4291902208



4285095520



4289200163

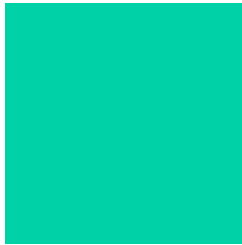


4280877064



# Previews

## White Background



This preview shows how the Android color 4278243750 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 4278243750 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

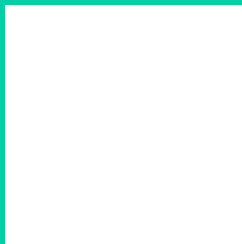
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278243750 Background



This preview shows how black text looks on a background with the Android color 4278243750.



This preview shows how white text looks on a background with the Android color 4278243750.

# 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**

4278243750



**Protanomaly**

4286300318



**Deuteranomaly**

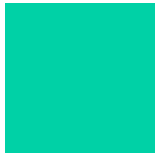
4286758314



**Tritanomaly**

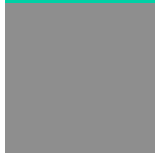
4280929735

# Monochromacy



**Original Color**

4278243750



**Achromatopsia**

4287532686



**Achromatomaly**

4284130967

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278243750 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, 209, 166)` looks like.

```
.text, #text, p{  
    color:rgb(0, 209, 166)  
}
```

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, 209, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 209, 166) }
```

## Border

The CSS property to change the border of an element to Android 4278243750 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, 209, 166) }
```

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

```
.border{ border-color:rgb(0, 209, 166) }
```

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

Here you see how a box with a 4 pixel rgb(0, 209, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 209, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 209, 166);  
box-shadow:4px 4px 4px 4px rgb(0, 209,  
166) }
```

# Background

The CSS property to change the background color of an element to Android 4278243750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 209, 166) }
```

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

```
.background{ background-color: rgb(0, 209,  
166) }
```

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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