

# Converting Colors

Android(4278243758)

Have a look what the booklet for  
Android(4278243758) contains.

<b>Android(4278243758)</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(4278243758)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D1AE
RGB	0, 209, 174
RGB Percent	0%, 82%, 68%
CMY	1.0000, 0.1804, 0.3176
CMYK	1.00, 0.00, 0.17, 0.18
HSL	170°, 100%, 41%
HSV	170°, 100%, 82%
XYZ	30.4404, 48.6569, 47.8317
YIQ	142.5190, -113.3290, -55.1930

# Conversions

## Conversions Part 2

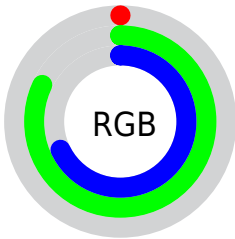
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 114, 209
Decimal	53678
CIELab	75.24, -51.17, 5.27
CIElCh	75, 51.445, 174.121
Yxy	48.6569, 0.2398, 0.3833
Android (android.graphics.Color)	4278243758 (0xFF00D1AE)
YUV	142.5190, 15.5201, -124.9892
Hunter-Lab	69.7545, -44.1741, 8.1721

# Details

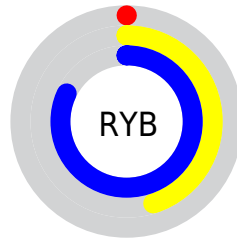
The Android color **4278243758** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **4291887139**, and the grayscale version is **4287532686**.

A 20% lighter version of the original color is **4285136869**, and **4278229370** is the 20% darker color. If you saturate the color by 10%, you get **4278243758**, and if you desaturate by 10%, it is **4279620017**.

# Distribution



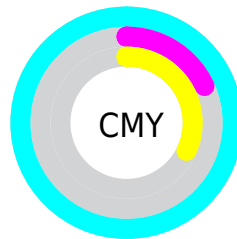
- Red (0%)
- Green (82%)
- Blue (68%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278243758 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 4278243758 by changing the saturation by 10% instead.



 4278243758

 4278243758

4294967295

 4278236563

 4285136869

 4278229370

 4287299583

 4278222689

 4289331199

 4278216009

 4291362815

 4278209331

 4293394431

 4278203422

 4278196997

 4278190080

 4278243758

 4279620017

 4280996277

 4282372536

 4283748796

 4285125055

 4286435779

 4287812038

 4289188298

 4290564557

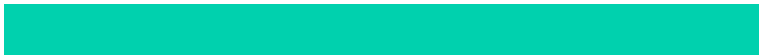
# Harmonies

## Analogous

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



4286041216



4278243758



4278243807

# Triad

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



4278243758



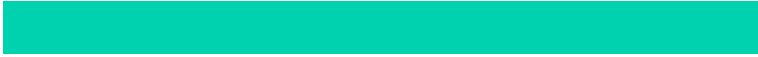
4289638911



4294943342

# Complementary

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



4278243758



4291887139

# 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.



4294940053



4278243758



4293631729

# Square

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



4278243758



4283351551



4294939589



4292784985

# Rectangle

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



4278243758



4278243066



4294939589



4294942073

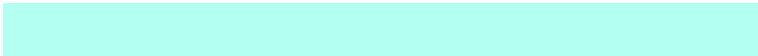


# Sweetspot

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



4278243758



4289986546



4280733952



4283596920



4278190080

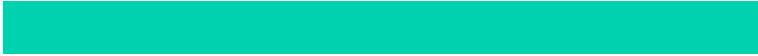


4286611584



# Same Dimension

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



4278243758



4278255572



4278226897



4284377447



4278233228



4278200610



# Inverse Universe

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



4291887139



4294901803



4291904000



4285095520



4289200156



4280877063



# Previews

## White Background



This preview shows how the Android color 4278243758 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 4278243758 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

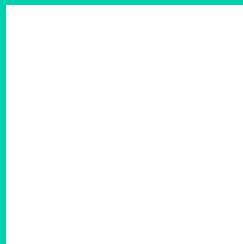
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278243758 Background



This preview shows how black text looks on a background with the Android color 4278243758.



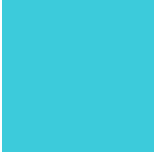
This preview shows how white text looks on a background with the Android color 4278243758.

# 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**  
4282174427

# Trichromacy



**Original Color**

4278243758



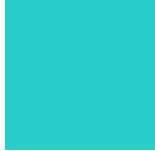
**Protanomaly**

4286234789



**Deuteranomaly**

4286692786



**Tritanomaly**

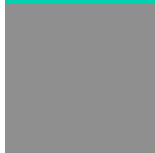
4280733131

# Monochromacy



**Original Color**

4278243758



**Achromatopsia**

4287598479



**Achromatomaly**

4284196762

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278243758 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(0, 209, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 209, 174) }
```

## Border

The CSS property to change the border of an element to Android 4278243758 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, 174) }
```

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

```
.border{ border-color:rgb(0, 209, 174) }
```

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, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 209, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 209, 174);  
box-shadow:4px 4px 4px 4px rgb(0, 209,  
174) }
```

# Background

The CSS property to change the background color of an element to Android 4278243758 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, 174) }
```

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

```
.background{ background-color: rgb(0, 209,  
174) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor