

# Converting Colors

Android(4278375318)

Have a look what the booklet for  
Android(4278375318) contains.

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# **Color**

**Android(4278375318)**

# Conversions

## Conversions Part 1

Format	Color
Hex	02D396
RGB	2, 211, 150
RGB Percent	1%, 83%, 59%
CMY	0.9922, 0.1725, 0.4118
CMYK	0.99, 0.00, 0.29, 0.17
HSL	162°, 98%, 42%
HSV	162°, 99%, 83%
XYZ	28.8243, 48.8034, 36.7550
YIQ	141.5550, -104.9830, -63.2790

# Conversions

## Conversions Part 2

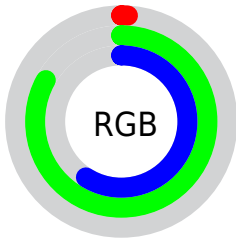
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	2, 124, 211
Decimal	185238
CIE Lab	75.33, -57.73, 18.21
CIE LCh	75, 60.536, 162.496
Yxy	48.8034, 0.2520, 0.4267
Android (android.graphics.Color)	4278375318 (0xFF02D396)
YUV	141.5550, 4.1634, -122.3897
Hunter-Lab	69.8595, -48.6042, 17.7075

# Details

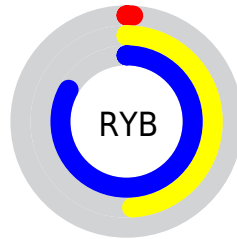
The Android color **4278375318** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **4292018751**, and the grayscale version is **4287532686**.

A 20% lighter version of the original color is **4285071308**, and **4278229859** is the 20% darker color. If you saturate the color by 10%, you get **4278244245**, and if you desaturate by 10%, it is **4279751580**.

# Distribution



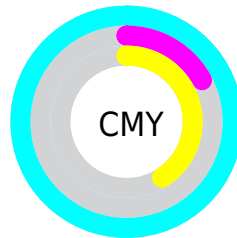
- Red (1%)
- Green (83%)
- Blue (59%)



- Red (1%)
- Yellow (49%)
- Blue (83%)



- Cyan (99%)
- Magenta (0%)
- Yellow (29%)
- Black (17%)



- Cyan (99%)
- Magenta (17%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278375318 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 4278375318 by changing the saturation by 10% instead.





4278375318



4278375318

4294967295



4278237052



4285071308



4278229859



4287234025



4278222923



4289265663



4278216244



4291297279



4278209566



4293394431



4278203655



4278196992



4278190080



4278375318



4278375318

■ 4278244245

■ 4279751580

■ 4281127842

■ 4282504104

■ 4283880367

■ 4285322165

■ 4286698427

■ 4288074689

■ 4289450951

■ 4290827213

# Harmonies

## Analogous

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



4286958435



4278375318



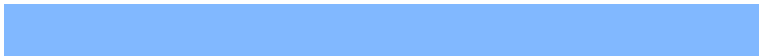
4278244816

# Triad

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



4278375318



4286691583



4294940273

# Complementary

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



4278375318



4292018751

# 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.



4294936996



4278375318



4292583935

# Square

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



4278375318



4278241791



4294938332



4294224716

# Rectangle

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



4278375318



4278244596



4294938332

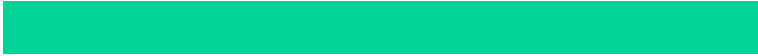


4294938753

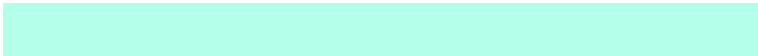


# Sweetspot

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



4278375318



4289986537



4282503938



4283596914



4278190080



4286611584



# Same Dimension

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



4278375318



4278255541



4278364627



4284377445



4278233207



4278200605



# Inverse Universe

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



4292018751



4294901834



4292029442



4285095521



4289200177

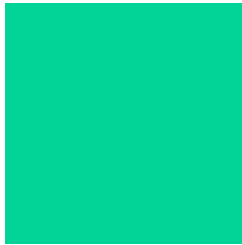


4280877068



# Previews

## White Background



This preview shows how the Android color 4278375318 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 4278375318 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

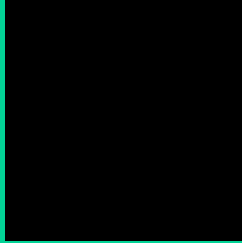
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4278375318 Background



This preview shows how black text looks on a background with the Android color 4278375318.



This preview shows how white text looks on a background with the Android color 4278375318.

# 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**  
4278375318



**Protanomaly**  
4286497422



**Deuteranomaly**  
4287085979



**Tritanomaly**  
4281191874

# Monochromacy



**Original Color**  
4278375318



**Achromatopsia**  
4287532686



**Achromatomaly**  
4284196753

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278375318 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, 211, 150)` looks like.

```
.text, #text, p{  
    color:rgb(2, 211, 150)  
}
```

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, 211, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 211, 150) }
```

## Border

The CSS property to change the border of an element to Android 4278375318 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, 211, 150) }
```

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

```
.border{ border-color:rgb(2, 211, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 211, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 211, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 211, 150);  
box-shadow:4px 4px 4px 4px rgb(2, 211,  
150) }
```

# Background

The CSS property to change the background color of an element to Android 4278375318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 211, 150) }
```

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

```
.background{ background-color: rgb(2, 211,  
150) }
```

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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