

# Converting Colors

Android(4278240380)

Have a look what the booklet for  
Android(4278240380) contains.

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**Color**

**Android(4278240380)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C47C
RGB	0, 196, 124
RGB Percent	0%, 77%, 49%
CMY	1.0000, 0.2314, 0.5137
CMYK	1.00, 0.00, 0.37, 0.23
HSL	158°, 100%, 38%
HSV	158°, 100%, 77%
XYZ	23.3780, 40.9351, 25.7379
YIQ	129.1880, -93.7040, -63.9440

# Conversions

## Conversions Part 2

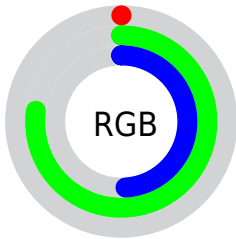
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 120, 196
Decimal	50300
CIELab	70.13, -57.98, 24.84
CIELCh	70, 63.073, 156.808
Yxy	40.9351, 0.2596, 0.4546
Android (android.graphics.Color)	4278240380 (0xFF00C47C)
YUV	129.1880, -2.5577, -113.2979
Hunter-Lab	63.9805, -46.7434, 20.9354

# Details

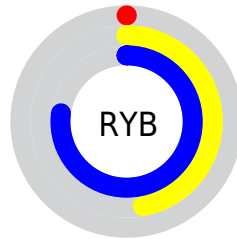
The Android color `4278240380` is a dark color, and the websafe version is hex `00CC99`. The color can be described as dark washed spring green. A complement of this color would be `4291035208`, and the grayscale version is `4286677377`.

A 20% lighter version of the original color is `4284743345`, and `4278226250` is the 20% darker color. If you saturate the color by 10%, you get `4278240380`, and if you desaturate by 10%, it is `4279551107`.

# Distribution



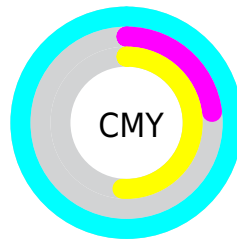
- Red (0%)
- Green (77%)
- Blue (49%)



- Red (0%)
- Yellow (47%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (37%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278240380 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 4278240380 by changing the saturation by 10% instead.



 4278240380

 4278240380

4294967295

 4278233187

 4284743345

 4278226250

 4286840781

 4278219315

 4288872425

 4278212636

 4290904063

 4278206213

 4292870143

 4278200320

4294901759

 4278190336

 4278190080

 4278240380

 4279551107

 4280796298

 4282107026

 4283352217

 4284662944

 4285973671

 4287218862

 4288529590

 4289774781

# Harmonies

## Analogous

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



4286692426



4278240380



4278241207

# Triad

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



4278240380



4283150079



4294935146

# Complementary

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



4278240380



4291035208

# 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.



4294932129



4278240380



4290746367

# Square

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



4278240380



4278238719



4294672602



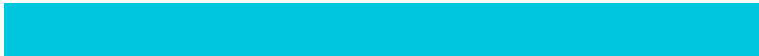
4293826623

# Rectangle

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



4278240380



4278241245



4294672602



4294933627

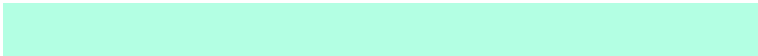


# Sweetspot

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



4278240380



4289986531



4283155456



4283596911



4278190080



4286611584



# Same Dimension

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



4278240380



4278255521



4278234564



4283916637



4278231398



4278198549



# Inverse Universe

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



4291035208



4294901854



4291041024



4284569435



4288741435

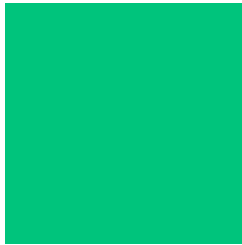


4280352780



# Previews

## White Background



This preview shows how the Android color 4278240380 looks on a white background.

## Color Contrast Check

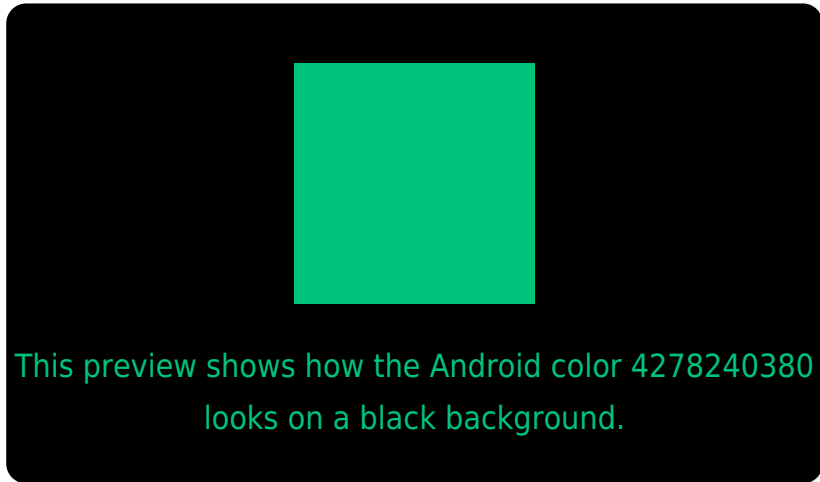
Large Text (above 18pt) WCAG AA × Fail

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

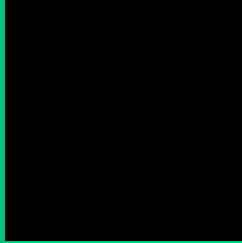
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4278240380 Background



This preview shows how black text looks on a background with the Android color 4278240380.



This preview shows how white text looks on a background with the Android color 4278240380.

# 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**

4278240380



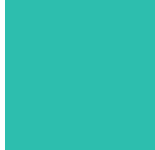
**Protanomaly**

4285969269



**Deuteranomaly**

4286558081



**Tritanomaly**

4281188014

# Monochromacy



**Original Color**

4278240380



**Achromatopsia**

4286677377



**Achromatomaly**

4283603327

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278240380 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, 196, 124)` looks like.

```
.text, #text, p{  
    color:rgb(0, 196, 124)  
}
```

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, 196, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 196, 124) }
```

## Border

The CSS property to change the border of an element to Android 4278240380 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, 196, 124) }
```

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

```
.border{ border-color:rgb(0, 196, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 196, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 196, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 196, 124);  
box-shadow:4px 4px 4px 4px rgb(0, 196,  
124) }
```

# Background

The CSS property to change the background color of an element to Android 4278240380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 196, 124) }
```

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

```
.background{ background-color: rgb(0, 196,  
124) }
```

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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