

# Converting Colors

Android(4278304127)

Have a look what the booklet for  
Android(4278304127) contains.

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# **Color**

**Android(4278304127)**

# Conversions

## Conversions Part 1

Format	Color
Hex	01BD7F
RGB	1, 189, 127
RGB Percent	0%, 74%, 50%
CMY	0.9961, 0.2588, 0.5020
CMYK	0.99, 0.00, 0.33, 0.26
HSL	160°, 99%, 37%
HSV	160°, 99%, 74%
XYZ	22.0409, 37.9340, 26.2390
YIQ	125.7200, -92.1460, -59.1380

# Conversions

## Conversions Part 2

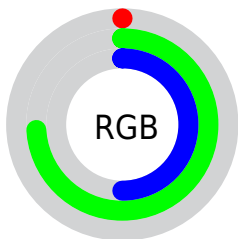
Format	Color
<a href="#">RYB</a>	<a href="#">1, 114, 189</a>
Decimal	<a href="#">114047</a>
CIELab	<a href="#">67.97, -54.76, 20.32</a>
CIELCh	<a href="#">68, 58.411, 159.642</a>
Yxy	<a href="#">37.9340, 0.2557, 0.4400</a>
Android (android.graphics.Color)	<a href="#">4278304127 (0xFF01BD7F)</a>
YUV	<a href="#">125.7200, 0.6310, -109.3794</a>
Hunter-Lab	<a href="#">61.5905, -43.9052, 17.8545</a>

# Details

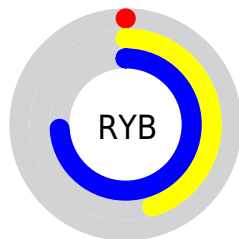
The Android color **4278304127** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **4290576703**, and the grayscale version is **4286479998**.

A 20% lighter version of the original color is **4284610228**, and **4278224461** is the 20% darker color. If you saturate the color by 10%, you get **4278238591**, and if you desaturate by 10%, it is **4279549317**.

# Distribution



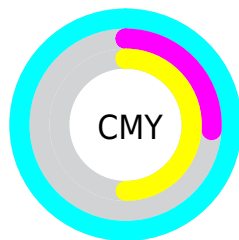
- Red (0%)
- Green (74%)
- Blue (50%)



- Red (0%)
- Yellow (45%)
- Blue (74%)



- Cyan (99%)
- Magenta (0%)
- Yellow (33%)
- Black (26%)



- Cyan (100%)
- Magenta (26%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278304127 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 4278304127 by changing the saturation by 10% instead.





4278304127



4278304127

4294967295



4278231398



4284610228



4278224461



4286709712



4278217782



4288741356



4278211104



4290707455



4278204938



4292739071



4278199040



4294705151



4278190080



4278304127



4278304127



4278238591



4279549317

 4280794507

 4282039698

 4283284888

 4284464542

 4285709732

 4286954923

 4288200113

 4289445303

# Harmonies

## Analogous

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



4286166608



4278304127



4278239414

# Triad

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



4278304127



4284589823



4294869605

# Complementary

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



4278304127



4290576703

# 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.



4294932119



4278304127



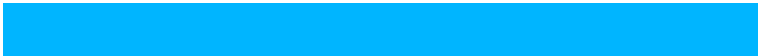
4290744823

# Square

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



4278304127



4278236671



4294147532



4292908608

# Rectangle

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



4278304127



4278239192



4294147532



4294933621

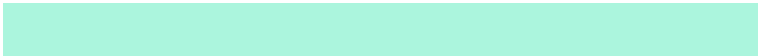


# Sweetspot

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



4278304127



4289459677



4282432769



4283333228



4294638330



4286216826



# Same Dimension

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



4278304127



4278252964



4278296253



4283784795



4278230634



4278198037



# Inverse Universe

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



4290576703



4294246481



4290584577



4284372312



4288544820

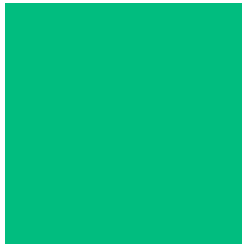


4280221706



# Previews

## White Background



This preview shows how the Android color 4278304127 looks on a white background.

## Color Contrast Check

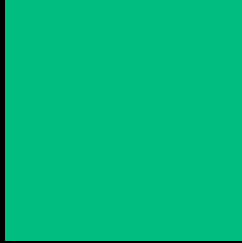
Large Text (above 18pt) WCAG AA × Fail

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 4278304127 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

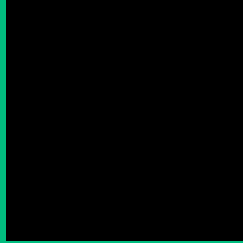
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4278304127 Background



This preview shows how black text looks on a background with the Android color 4278304127.

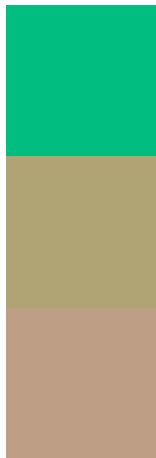


This preview shows how white text looks on a background with the Android color 4278304127.

# 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



**Original Color**  
4278304127

**Protanopia**  
4289832052

**Deuteranopia**  
4290748038



# Trichromacy



**Original Color**

4278304127



**Protanomaly**

4285640056



**Deuteranomaly**

4286228867



**Tritanomaly**

4280989610

# Monochromacy



**Original Color**

4278304127



**Achromatopsia**

4286479998



**Achromatomaly**

4283536766

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278304127 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(1, 189, 127)` looks like.

```
.text, #text, p{  
    color:rgb(1, 189, 127)  
}
```

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(1, 189, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 189, 127) }
```

## Border

The CSS property to change the border of an element to Android 4278304127 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(1, 189, 127) }
```

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

```
.border{ border-color:rgb(1, 189, 127) }
```

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

Here you see how a box with a 4 pixel rgb(1, 189, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 189, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 189, 127);  
box-shadow:4px 4px 4px 4px rgb(1, 189,  
127) }
```

# Background

The CSS property to change the background color of an element to Android 4278304127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 189, 127) }
```

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

```
.background{ background-color: rgb(1, 189,  
127) }
```

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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