

# Converting Colors

Android(4278237303)

Have a look what the booklet for  
Android(4278237303) contains.

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# **Color**

**Android(4278237303)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00B877
RGB	0, 184, 119
RGB Percent	0%, 72%, 47%
CMY	1.0000, 0.2784, 0.5333
CMYK	1.00, 0.00, 0.35, 0.28
HSL	159°, 100%, 36%
HSV	159°, 100%, 72%
XYZ	20.4703, 35.6129, 23.2478
YIQ	121.5740, -88.7990, -59.2230

# Conversions

## Conversions Part 2

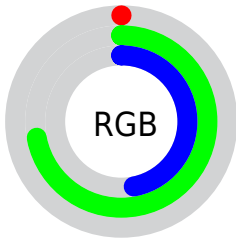
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 112, 184
Decimal	47223
CIELab	66.22, -54.70, 22.23
CIElCh	66, 59.045, 157.887
Yxy	35.6129, 0.2580, 0.4489
Android (android.graphics.Color)	4278237303 (0xFF00B877)
YUV	121.5740, -1.2690, -106.6204
Hunter-Lab	59.6765, -43.2048, 18.6763

# Details

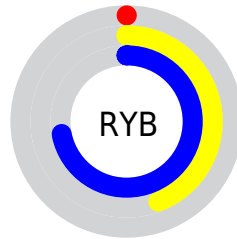
The Android color **4278237303** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **4290248769**, and the grayscale version is **4286216826**.

A 20% lighter version of the original color is **4284543404**, and **4278223174** is the 20% darker color. If you saturate the color by 10%, you get **4278237303**, and if you desaturate by 10%, it is **4279416958**.

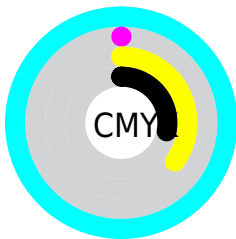
# Distribution



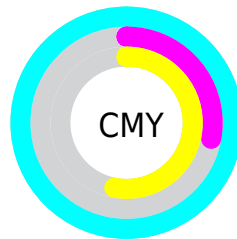
- Red (0%)
- Green (72%)
- Blue (47%)



- Red (0%)
- Yellow (44%)
- Blue (72%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (28%)



- Cyan (100%)
- Magenta (28%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278237303 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 4278237303 by changing the saturation by 10% instead.



 4278237303

 4278237303

4294967295

 4278230110

 4284543404

 4278223174

 4286578631

 4278216495

 4288610275

 4278210073

 4290576383

 4278203904

 4292542463

 4278197760

 4294574079

 4278190080

 4278237303

 4279416958

 4280662148

 4281841803

 4283086993

 4284266648

 4285446302

 4286691493

 4287871147

 4289116338

# Harmonies

## Analogous

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



4286099528



4278237303



4278238126

# Triad

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



4278237303



4283540223



4294671203

# Complementary

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



4278237303



4290248769

# 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.



4294930581



4278237303



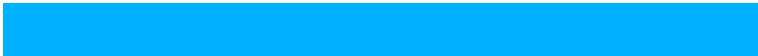
4290153973

# Square

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



4278237303



4278235647



4293687498



4292710460

# Rectangle

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



4278237303



4278237905



4293687498



4294932082



# Sweetspot

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



4278237303



4289261782



4282628096



4283267177



4294440951



4286085240



# Same Dimension

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



4278237303



4278251675



4278230968



4283653209



4278230117



4278197266



# Inverse Universe

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



4290248769



4293918805



4290255104



4284240726



4288413751



4280025098



# Previews

## White Background



This preview shows how the Android color 4278237303 looks on a white background.

## Color Contrast Check

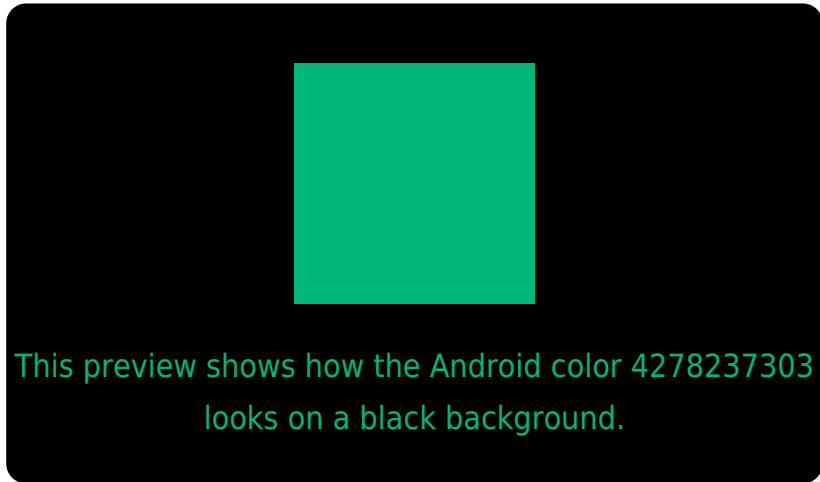
Large Text (above 18pt) WCAG AA × Fail

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 4278237303 Background



This preview shows how black text looks on a background with the Android color 4278237303.

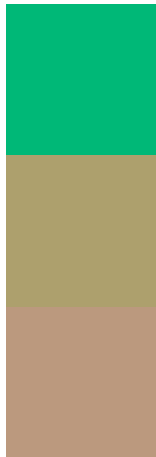


This preview shows how white text looks on a background with the Android color 4278237303.

# 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**  
4278237303

**Protanopia**  
4289568877

**Deuteranopia**  
4290484606



# Trichromacy



**Original Color**

4278237303



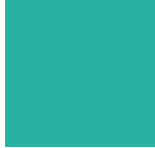
**Protanomaly**

4285442417



**Deuteranomaly**

4286030971



**Tritanomaly**

4280922788

# Monochromacy



**Original Color**

4278237303



**Achromatopsia**

4286216826



**Achromatomaly**

4283339129

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278237303 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, 184, 119)` looks like.

```
.text, #text, p{  
    color:rgb(0, 184, 119)  
}
```

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, 184, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 184, 119) }
```

## Border

The CSS property to change the border of an element to Android 4278237303 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, 184, 119) }
```

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

```
.border{ border-color:rgb(0, 184, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 184, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 184, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 184, 119);  
box-shadow:4px 4px 4px 4px rgb(0, 184,  
119) }
```

# Background

The CSS property to change the background color of an element to Android 4278237303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 184, 119) }
```

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

```
.background{ background-color: rgb(0, 184,  
119) }
```

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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