

# Converting Colors

Android(4278633627)

Have a look what the booklet for  
Android(4278633627) contains.

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**Color**

**Android(4278633627)**

# Conversions

## Conversions Part 1

Format	Color
Hex	06C49B
RGB	6, 196, 155
RGB Percent	2%, 77%, 61%
CMY	0.9765, 0.2314, 0.3922
CMYK	0.97, 0.00, 0.21, 0.23
HSL	167°, 94%, 40%
HSV	167°, 97%, 77%
XYZ	25.7314, 41.8851, 37.7388
YIQ	134.5160, -100.0790, -53.0310

# Conversions

## Conversions Part 2

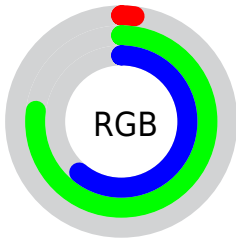
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 112, 196
Decimal	443547
CIELab	70.79, -50.65, 9.15
CIELCh	71, 51.469, 169.757
Yxy	41.8851, 0.2442, 0.3976
Android (android.graphics.Color)	4278633627 (0xFF06C49B)
YUV	134.5160, 10.0986, -112.7085
Hunter-Lab	64.7187, -42.2882, 10.7299

# Details

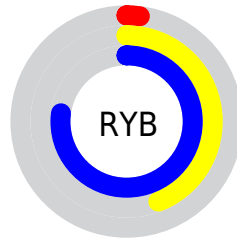
The Android color `4278633627` is a dark color, and the websafe version is hex `33CC99`. The color can be described as dark washed spring green. A complement of this color would be `4291036719`, and the grayscale version is `4287006342`.

A 20% lighter version of the original color is `4284874449`, and `4278226280` is the 20% darker color. If you saturate the color by 10%, you get `4278240410`, and if you desaturate by 10%, it is `4279944351`.

# Distribution



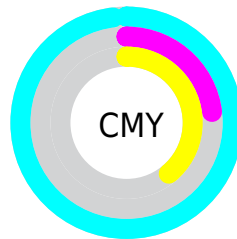
- Red (2%)
- Green (77%)
- Blue (61%)



- Red (2%)
- Yellow (44%)
- Blue (77%)



- Cyan (97%)
- Magenta (0%)
- Yellow (21%)
- Black (23%)



- Cyan (98%)
- Magenta (23%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278633627 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 4278633627 by changing the saturation by 10% instead.





4278633627



4278633627

4294967295



4278233217



4284874449



4278226280



4286971886



4278219600



4289003519



4278212921



4291035135



4278206499



4293066751



4278200846



4278191360



4278190080



4278633627



4278633627

■ 4278240410

■ 4279944351

■ 4281189539

■ 4282500264

■ 4283745452

■ 4285056176

■ 4286366900

■ 4287612089

■ 4288922813

■ 4290168001

# Harmonies

## Analogous

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



4285841262



4278633627



4278240715

# Triad

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



4278633627



4288129023



4294415463

# Complementary

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



4278633627



4291036719

# 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.



4294936464



4278633627



4292318698

# Square

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



4278633627



4279744511



4294739903



4292322639

# Rectangle

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



4278633627



4278240232



4294739903



4294872948

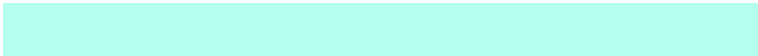


# Sweetspot

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



4278633627



4290117615



4281320454



4283662454



4278190080



4286611584



# Same Dimension

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



4278633627



4278255560



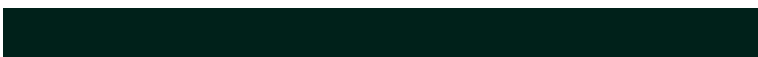
4278619844



4283916639



4278231422



4278198554



# Inverse Universe

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



4291036719



4294901815



4291050502



4284569433



4288741411

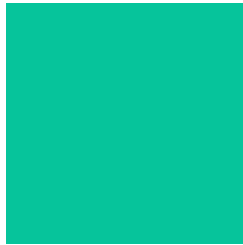


4280352775



# Previews

## White Background



This preview shows how the Android color 4278633627 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 4278633627 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

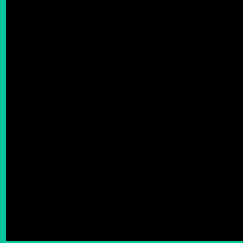
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4278633627 Background



This preview shows how black text looks on a background with the Android color 4278633627.



This preview shows how white text looks on a background with the Android color 4278633627.

# 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**

4278633627



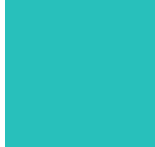
**Protanomaly**

4285904019



**Deuteranomaly**

4286362015



**Tritanomaly**

4280860859

# Monochromacy



**Original Color**

4278633627



**Achromatopsia**

4287072135



**Achromatomaly**

4283997582

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278633627 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(6, 196, 155)` looks like.

```
.text, #text, p{  
    color:rgb(6, 196, 155)  
}
```

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(6, 196, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 196, 155) }
```

## Border

The CSS property to change the border of an element to Android 4278633627 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(6, 196, 155) }
```

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

```
.border{ border-color:rgb(6, 196, 155) }
```

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

Here you see how a box with a 4 pixel rgb(6, 196, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 196, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 196, 155);  
box-shadow:4px 4px 4px 4px rgb(6, 196,  
155) }
```

# Background

The CSS property to change the background color of an element to Android 4278633627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 196, 155) }
```

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

```
.background{ background-color: rgb(6, 196,  
155) }
```

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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