

# Converting Colors

Android(4278498717)

Have a look what the booklet for  
Android(4278498717) contains.

<b>Android(4278498717)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Android(4278498717)**

# Conversions

## Conversions Part 1

Format	Color
Hex	04B59D
RGB	4, 181, 157
RGB Percent	2%, 71%, 62%
CMY	0.9843, 0.2902, 0.3843
CMYK	0.98, 0.00, 0.13, 0.29
HSL	172°, 96%, 36%
HSV	172°, 98%, 71%
XYZ	22.6597, 35.5079, 37.5577
YIQ	125.3410, -97.7880, -44.9880

# Conversions

## Conversions Part 2

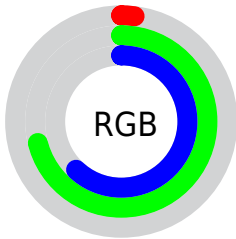
Format	Color
<a href="#">RYB</a>	<a href="#">4, 99, 181</a>
Decimal	<a href="#">308637</a>
CIELab	<a href="#">66.14, -44.03, 1.36</a>
CIElCh	<a href="#">66, 44.048, 178.229</a>
Yxy	<a href="#">35.5079, 0.2367, 0.3709</a>
Android (android.graphics.Color)	<a href="#">4278498717</a> ( <a href="#">0xFF04B59D</a> )
YUV	<a href="#">125.3410, 15.6079, -106.4161</a>
Hunter-Lab	<a href="#">59.5885, -36.4016, 4.3424</a>

# Details

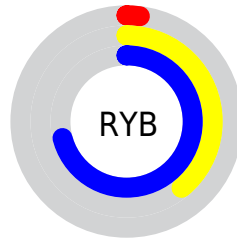
The Android color **4278498717** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **4290053148**, and the grayscale version is **4286414205**.

A 20% lighter version of the original color is **4284673747**, and **4278222698** is the 20% darker color. If you saturate the color by 10%, you get **4278236572**, and if you desaturate by 10%, it is **4279678367**.

# Distribution



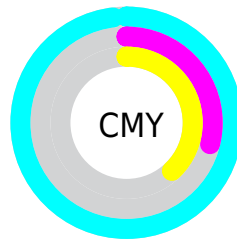
- Red (2%)
- Green (71%)
- Blue (62%)



- Red (2%)
- Yellow (39%)
- Blue (71%)



- Cyan (98%)
- Magenta (0%)
- Yellow (13%)
- Black (29%)



- Cyan (98%)
- Magenta (29%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278498717 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 4278498717 by changing the saturation by 10% instead.





4278498717



4278498717

4294967295



4278229635



4284673747



4278222698



4286709744



4278216018



4288741375



4278209595



4290707455



4278203429



4292739071



4278197777



4294705151



4278190080



4278498717



4278498717



4278236572



4279678367

 4280858018

 4282037668

 4283217319

 4284396969

 4285642156

 4286821806

 4288001457

 4289181107

# Harmonies

## Analogous

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



4284723574



4278498717



4278236613

# Triad

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



4278498717



4288714726



4292513886

# Complementary

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



4278498717



4290053148

# 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.



4293624957



4278498717



4291856843

# Square

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



4278498717



4284065519



4293427621



4290485840

# Rectangle

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



4278498717



4278235867



4293427621



4292971367



# Sweetspot

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



4278498717



4289194977



4280268036



4283200880



4294309365



4285887861



# Same Dimension

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



4278498717



4278250443



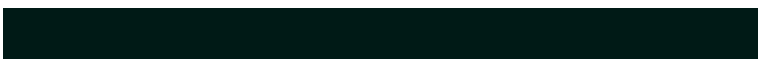
4278482869



4283455832



4278229380



4278196758



# Inverse Universe

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



4290053148



4293591072



4290068996



4284043346



4288217109

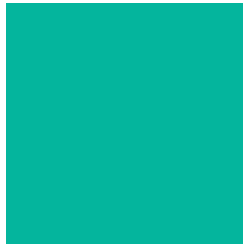


4279894019



# Previews

## White Background



This preview shows how the Android color 4278498717 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 4278498717 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 4278498717 Background



This preview shows how black text looks on a background with the Android color 4278498717.

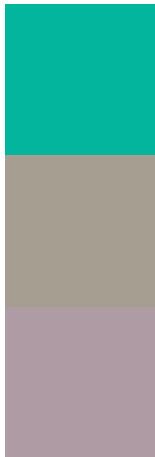


This preview shows how white text looks on a background with the Android color 4278498717.

# 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**  
4278498717

**Protanopia**  
4289109905

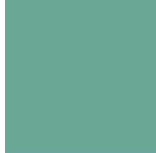
**Deuteranopia**  
4289633187



# Trichromacy



**Original Color**  
4278498717



**Protanomaly**  
4285245333



**Deuteranomaly**  
4285572257

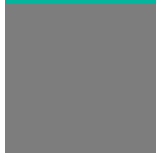


**Tritanomaly**  
4280398515

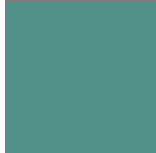
# Monochromacy



**Original Color**  
4278498717



**Achromatopsia**  
4286414205



**Achromatomaly**  
4283535753

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278498717 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(4, 181, 157)` looks like.

```
.text, #text, p{  
    color:rgb(4, 181, 157)  
}
```

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(4, 181, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 181, 157) }
```

## Border

The CSS property to change the border of an element to Android 4278498717 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(4, 181, 157) }
```

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

```
.border{ border-color:rgb(4, 181, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 181, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 181, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 181, 157);  
box-shadow:4px 4px 4px 4px rgb(4, 181,  
157) }
```

# Background

The CSS property to change the background color of an element to Android 4278498717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 181, 157) }
```

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

```
.background{ background-color: rgb(4, 181,  
157) }
```

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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