

# Converting Colors

Android(4278231717)

Have a look what the booklet for  
Android(4278231717) contains.

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# Color

**Android(4278231717)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A2A5
RGB	0, 162, 165
RGB Percent	0%, 64%, 65%
CMY	1.0000, 0.3647, 0.3529
CMYK	1.00, 0.02, 0.00, 0.35
HSL	181°, 100%, 32%
HSV	181°, 100%, 65%
XYZ	19.7119, 28.5573, 40.0705
YIQ	113.9040, -97.5150, -33.4110

# Conversions

## Conversions Part 2

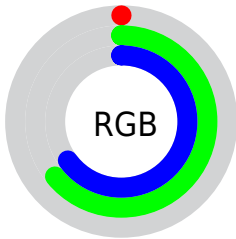
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	0, 82, 165
Decimal	41637
CIE Lab	60.39, -33.30, -11.62
CIE LCh	60, 35.271, 199.233
Yxy	28.5573, 0.2231, 0.3233
Android (android.graphics.Color)	4278231717 (0xFF00A2A5)
YUV	113.9040, 25.1903, -99.8938
Hunter-Lab	53.4390, -27.6756, -7.0505

# Details

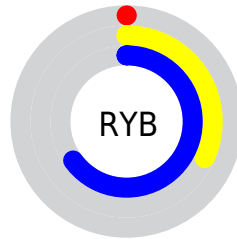
The Android color `4278231717` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4289004288`, and the grayscale version is `4285690482`.

A 20% lighter version of the original color is `4284406236`, and `4278218353` is the 20% darker color. If you saturate the color by 10%, you get `4278231717`, and if you desaturate by 10%, it is `4279280293`.

# Distribution



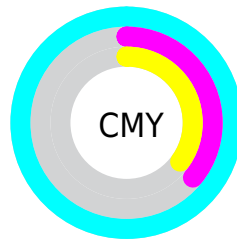
- Red (0%)
- Green (64%)
- Blue (65%)



- Red (0%)
- Yellow (32%)
- Blue (65%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (36%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278231717 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 4278231717 by changing the saturation by 10% instead.



 4278231717

 4278231717

4294967295

 4278224779

 4284406236

 4278218353

 4286445304

 4278211929

 4288413695

 4278205761

 4290445311

 4278200107

 4292411391

 4278191128


 4294377471

 4278190080

 4278231717

 4279280293

 4280394661

 4281508773

 4282557349

 4283605925

 4284720293

 4285768869

 4286882981

 4287931813

# Harmonies

## Analogous

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



4282687877



4278231717



4278230976

# Triad

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



4278231717



4289626810



4289760340

# Complementary

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



4278231717



4289004288

# 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.



4291133796



4278231717



4291263134

# Square

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



4278231717



4286877388



4291721855



4287796822

# Rectangle

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



4278231717



4281965515



4291721855



4290283608



# Sweetspot

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



4278231717



4288075222



4278232323



4282739307



4293651435



4285229931



# Same Dimension

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



4278231717



4278244054



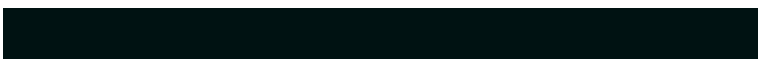
4278210725



4282995026



4278226833



4278194706



# Inverse Universe

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



4289003682



4292214994



4289025280



4283582801



4287692943



4279369746



# Previews

## White Background



This preview shows how the Android color 4278231717 looks on a white background.

## Color Contrast Check

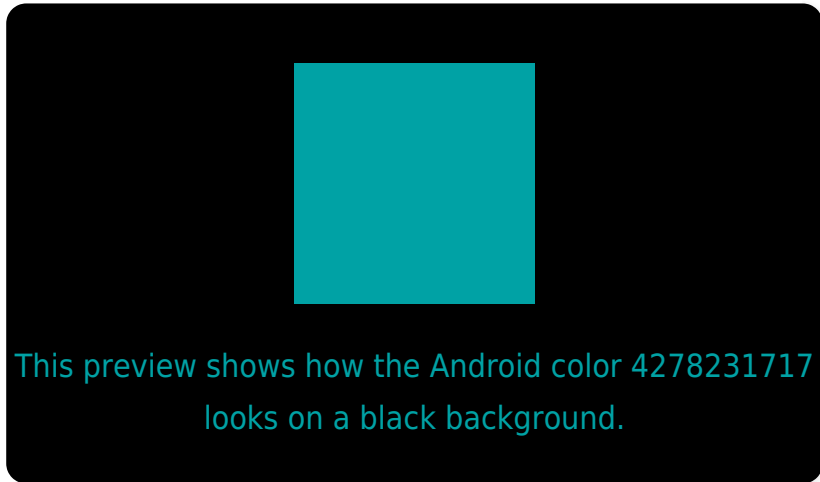
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



# Android 4278231717 Background



This preview shows how black text looks on a background with the Android color 4278231717.



This preview shows how white text looks on a background with the Android color 4278231717.

# 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**

4278231717



**Protanomaly**

4284258206



**Deuteranomaly**

4284388776



**Tritanomaly**

4279345579

# Monochromacy



**Original Color**

4278231717



**Achromatopsia**

4285690482



**Achromatomaly**

4283007877

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278231717 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, 162, 165)` looks like.

```
.text, #text, p{  
    color:rgb(0, 162, 165)  
}
```

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, 162, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 162, 165) }
```

## Border

The CSS property to change the border of an element to Android 4278231717 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, 162, 165) }
```

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

```
.border{ border-color:rgb(0, 162, 165) }
```

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

Here you see how a box with a 4 pixel rgb(0, 162, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 162, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 162, 165);  
box-shadow:4px 4px 4px 4px rgb(0, 162,  
165) }
```

# Background

The CSS property to change the background color of an element to Android 4278231717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 162, 165) }
```

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

```
.background{ background-color: rgb(0, 162,  
165) }
```

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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