

# Converting Colors

Android(4278231434)

Have a look what the booklet for  
Android(4278231434) contains.

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# Color

**Android(4278231434)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A18A
RGB	0, 161, 138
RGB Percent	0%, 63%, 54%
CMY	1.0000, 0.3686, 0.4588
CMYK	1.00, 0.00, 0.14, 0.37
HSL	171°, 100%, 32%
HSV	171°, 100%, 63%
XYZ	17.3323, 27.3247, 28.4054
YIQ	110.2390, -88.5730, -41.2850

# Conversions

## Conversions Part 2

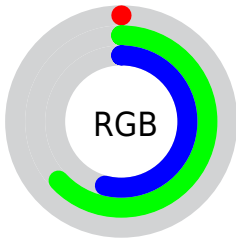
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 87, 161
Decimal	41354
CIELab	59.27, -40.92, 1.99
CIELCh	59, 40.967, 177.218
Yxy	27.3247, 0.2372, 0.3740
Android (android.graphics.Color)	4278231434 (0xFF00A18A)
YUV	110.2390, 13.6862, -96.6796
Hunter-Lab	52.2730, -32.2921, 4.3726

# Details

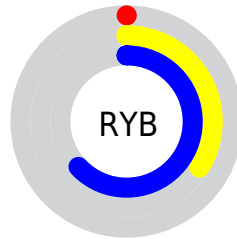
The Android color `4278231434` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4288741399`, and the grayscale version is `4285427310`.

A 20% lighter version of the original color is `4284209599`, and `4278217816` is the 20% darker color. If you saturate the color by 10%, you get `4278231434`, and if you desaturate by 10%, it is `4279280012`.

# Distribution



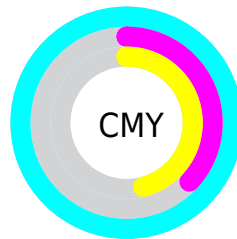
- Red (0%)
- Green (63%)
- Blue (54%)



- Red (0%)
- Yellow (34%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (37%)



- Cyan (100%)
- Magenta (37%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278231434 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 4278231434 by changing the saturation by 10% instead.



 4278231434

 4278231434

4294967295

 4278224497

 4284209599

 4278217816

 4286182875

 4278211393

 4288151544

 4278205227

 4290117631

 4278199830

 4292083711


 4278190080

 4294049791

 4278231434

 4279280012

 4280328591

 4281377169

 4282425747

 4283539862

 4284588440

 4285637018

 4286685596

 4287734175

# Harmonies

## Analogous

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



4283997798



4278231434



4278231470

# Triad

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



4278231434



4287465423



4291002195

# Complementary

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



4278231434



4288741399

# 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.



4291982448



4278231434



4290279862

# Square

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



4278231434



4283077590



4291785108



4289236037

# Rectangle

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



4278231434



4278230723



4291785108



4291459675



# Sweetspot

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



4278231434



4287812040



4279804160



4282607971



4293454056



4285098345



# Same Dimension

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



4278231434



4278243763



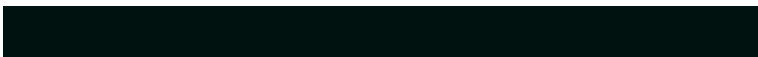
4278217121



4282995280



4278227325



4278194703



# Inverse Universe

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



4288741399



4291887134



4288755712



4283582795



4287692821



4279369731



# Previews

## White Background



This preview shows how the Android color 4278231434 looks on a white background.

## Color Contrast Check

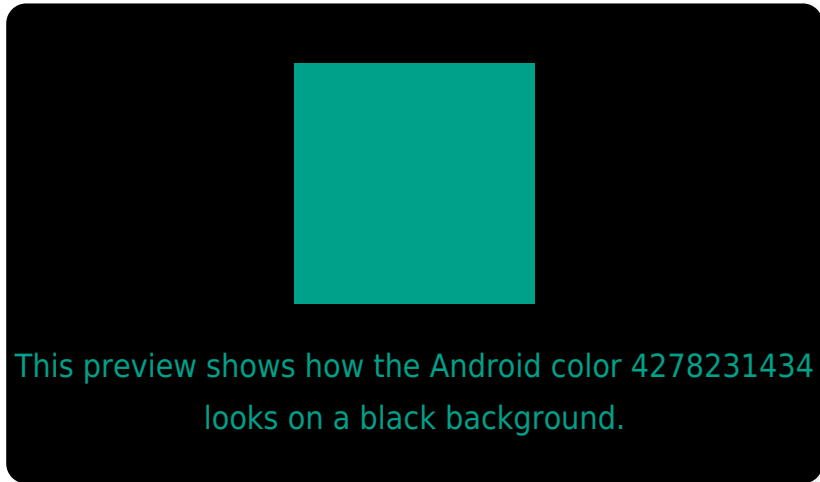
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278231434 Background



This preview shows how black text looks on a background with the Android color 4278231434.



This preview shows how white text looks on a background with the Android color 4278231434.

# 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**

4278231434



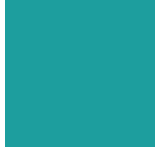
**Protanomaly**

4284388483



**Deuteranomaly**

4284715661



**Tritanomaly**

4280131230

# Monochromacy



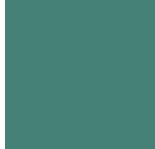
**Original Color**

4278231434



**Achromatopsia**

4285427310



**Achromatomaly**

4282810744

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278231434 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, 161, 138)` looks like.

```
.text, #text, p{  
    color:rgb(0, 161, 138)  
}
```

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, 161, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 161, 138) }
```

## Border

The CSS property to change the border of an element to Android 4278231434 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, 161, 138) }
```

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

```
.border{ border-color:rgb(0, 161, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 161, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 161, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 161, 138);  
box-shadow:4px 4px 4px 4px rgb(0, 161,  
138) }
```

# Background

The CSS property to change the background color of an element to Android 4278231434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 161, 138) }
```

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

```
.background{ background-color: rgb(0, 161,  
138) }
```

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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