

Converting Colors

Android(4278231158)

Have a look what the booklet for
Android(4278231158) contains.

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Color

Android(4278231158)

Conversions

Conversions Part 1

Format	Color
Hex	00A076
RGB	0, 160, 118
RGB Percent	0%, 63%, 46%
CMY	1.0000, 0.3725, 0.5373
CMYK	1.00, 0.00, 0.26, 0.37
HSL	164°, 100%, 31%
HSV	164°, 100%, 63%
XYZ	15.8408, 26.4496, 21.4099
YIQ	107.3720, -81.8780, -46.9820

Conversions

Conversions Part 2

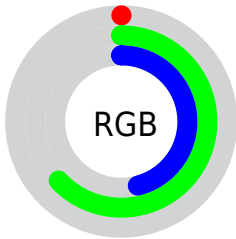
Format	Color
RYB	0, 92, 160
Decimal	41078
CIELab	58.46, -45.80, 12.08
CIELCh	58, 47.362, 165.222
Yxy	26.4496, 0.2487, 0.4152
Android (android.graphics.Color)	4278231158 (0xFF00A076)
YUV	107.3720, 5.2396, -94.1652
Hunter-Lab	51.4292, -35.0209, 11.3181

Details

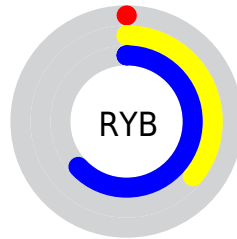
The Android color `4278231158` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4288675882`, and the grayscale version is `4285229931`.

A 20% lighter version of the original color is `4284078250`, and `4278217542` is the 20% darker color. If you saturate the color by 10%, you get `4278231158`, and if you desaturate by 10%, it is `4279279738`.

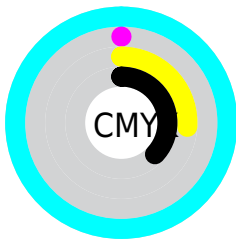
Distribution



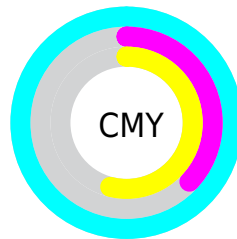
- Red (0%)
- Green (63%)
- Blue (46%)



- Red (0%)
- Yellow (36%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (37%)



- Cyan (100%)
- Magenta (37%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278231158 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 4278231158 by changing the saturation by 10% instead.

 4278231158

 4278231158

4294967295

 4278224221

 4284078250

 4278217542

 4286051781

 4278211119

 4288020450

 4278204954

 4289986558

 4278199296

 4291887103

 4278190080

 4293853183

 4278231158

 4279279738

■ 4280328318

■ 4281376899

■ 4282425479

■ 4283474059

■ 4284522639

■ 4285571219

■ 4286619800

■ 4287668380

Harmonies

Analogous

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



4284586832



4278231158



4278231457

Triad

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



4278231158



4285303517



4291851347

Complementary

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



4278231158



4288675882

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.



4292503929



4278231158



4289427911

Square

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



4278231158



4278228956



4291783587



4290151226

Rectangle

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



4278231158



4278231227



4291783587



4292243295

Sweetspot

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



4278231158



4287812033



4281049088



4282607967



4293454056



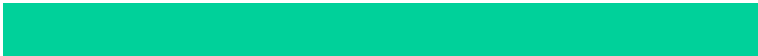
4285098345

Same Dimension

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



4278231158



4278243738



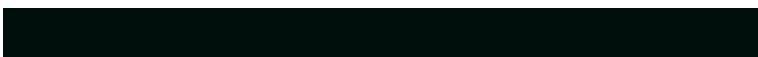
4278221728



4282863437



4278226793



4278193931

Inverse Universe

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



4288675882



4291887159



4288685312



4283385673



4287561765



4279173124

Previews

White Background



This preview shows how the Android color 4278231158 looks on a white background.

Color Contrast Check

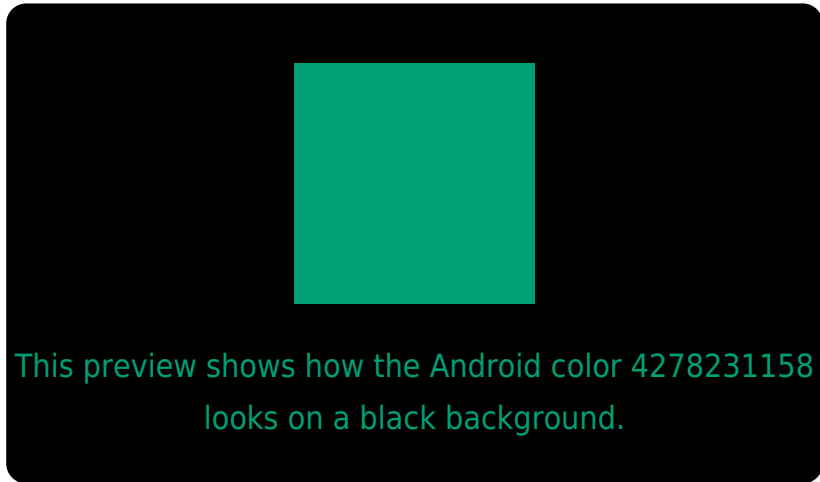
Large Text (above 18pt) WCAG AA ✓ Pass

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

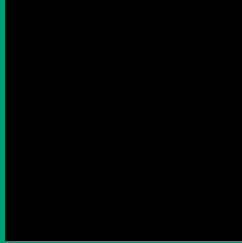
Any Text WCAG AA ✓ Pass

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 4278231158 Background



This preview shows how black text looks on a background with the Android color 4278231158.

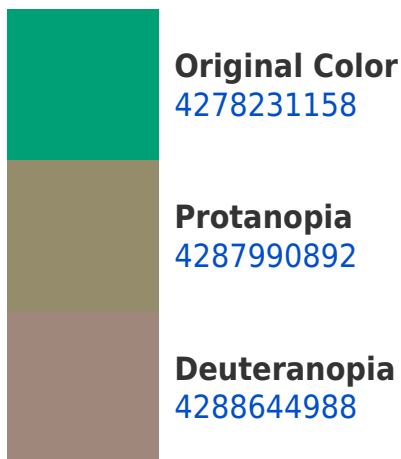


This preview shows how white text looks on a background with the Android color 4278231158.

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

4278231158



Protanomaly

4284453744



Deuteranomaly

4284846202



Tritanomaly

4280392853

Monochromacy



Original Color

4278231158



Achromatopsia

4285229931



Achromatomaly

4282678895

CSS Examples

Text

The CSS property to change the color of the text to Android 4278231158 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, 160, 118)` looks like.

```
.text, #text, p{  
    color:rgb(0, 160, 118)  
}
```

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, 160, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 160, 118) }
```

Border

The CSS property to change the border of an element to Android 4278231158 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, 160, 118) }
```

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

```
.border{ border-color:rgb(0, 160, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 160, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 160, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 160, 118);  
box-shadow:4px 4px 4px 4px rgb(0, 160,  
118) }
```

Background

The CSS property to change the background color of an element to Android 4278231158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 160, 118) }
```

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

```
.background{ background-color: rgb(0, 160,  
118) }
```

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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