

Converting Colors

Android(4278231911)

Have a look what the booklet for
Android(4278231911) contains.

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Color

Android(4278231911)

Conversions

Conversions Part 1

Format	Color
Hex	00A367
RGB	0, 163, 103
RGB Percent	0%, 64%, 40%
CMY	1.0000, 0.3608, 0.5961
CMYK	1.00, 0.00, 0.37, 0.36
HSL	158°, 100%, 32%
HSV	158°, 100%, 64%
XYZ	15.5454, 27.1737, 17.2577
YIQ	107.4230, -77.8880, -53.2160

Conversions

Conversions Part 2

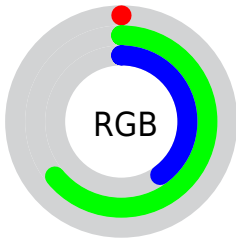
Format	Color
RYB	0, 100, 163
Decimal	41831
CIELab	59.13, -50.42, 21.31
CIELCh	59, 54.737, 157.091
Yxy	27.1737, 0.2592, 0.4531
Android (android.graphics.Color)	4278231911 (0xFF00A367)
YUV	107.4230, -2.1805, -94.2100
Hunter-Lab	52.1284, -37.9935, 16.8612

Details

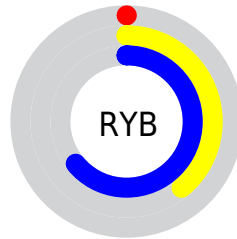
The Android color `4278231911` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4288872508`, and the grayscale version is `4285295724`.

A 20% lighter version of the original color is `4284079002`, and `4278218295` is the 20% darker color. If you saturate the color by 10%, you get `4278231911`, and if you desaturate by 10%, it is `4279280493`.

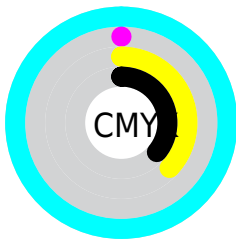
Distribution



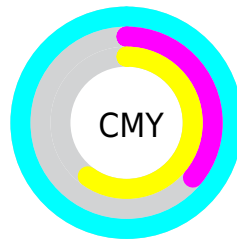
- Red (0%)
- Green (64%)
- Blue (40%)



- Red (0%)
- Yellow (39%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (37%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278231911 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 4278231911 by changing the saturation by 10% instead.



4278231911



4278231911

4294967295



4278224975



4284079002



4278218295



4286118069



4278211617



4288085969



4278205451



4289986542



4278199808



4291952639



4278190080



4293918719



4278231911



4279280493

 4280394611

 4281443193

 4282491775

 4283605893

 4284654475

 4285703057

 4286751639

 4287865757

Harmonies

Analogous

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



4285176893



4278231911



4278232729

Triad

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



4278231911



4282421486



4292897879

Complementary

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



4278231911



4288872508

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.



4293288581



4278231911



4288708059

Square

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



4278231911



4278230502



4291979957



4291198515

Rectangle

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



4278231911



4278232505



4291979957



4293158757

Sweetspot

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



4278231911



4287943868



4282295040



4282739549



4293651435



4285229931

Same Dimension

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



4278231911



4278244486



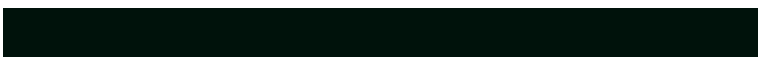
4278227107



4282995279



4278227292



4278194699

Inverse Universe

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



4288872508



4292083790



4288877312



4283582796



4287692854



4279369735

Previews

White Background



This preview shows how the Android color 4278231911 looks on a white background.

Color Contrast Check

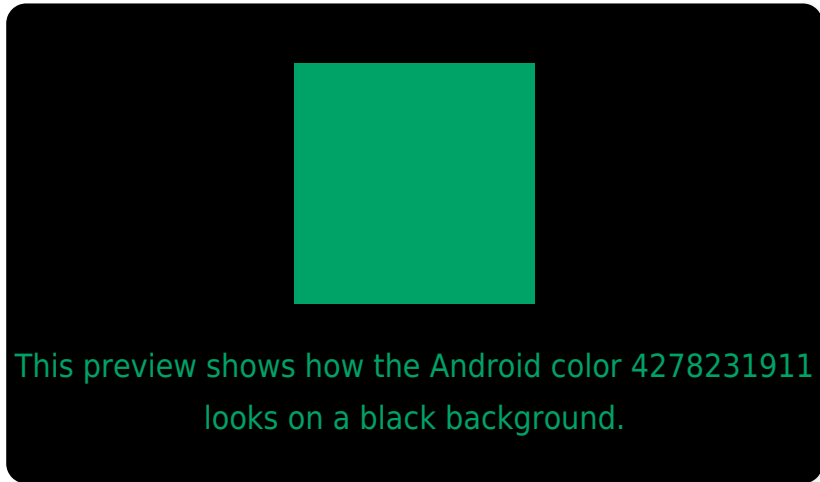
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278231911 Background



This preview shows how black text looks on a background with the Android color 4278231911.



This preview shows how white text looks on a background with the Android color 4278231911.

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

4278231911



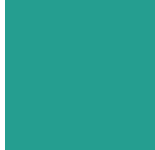
Protanomaly

4284585313



Deuteranomaly

4285174379



Tritanomaly

4280655504

Monochromacy



Original Color

4278231911



Achromatopsia

4285229931



Achromatomaly

4282679146

CSS Examples

Text

The CSS property to change the color of the text to Android 4278231911 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, 163, 103)` looks like.

```
.text, #text, p{  
    color:rgb(0, 163, 103)  
}
```

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, 163, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 163, 103) }
```

Border

The CSS property to change the border of an element to Android 4278231911 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, 163, 103) }
```

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

```
.border{ border-color:rgb(0, 163, 103) }
```

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

Here you see how a box with a 4 pixel rgb(0, 163, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 163, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 163, 103);  
box-shadow:4px 4px 4px 4px rgb(0, 163,  
103) }
```

Background

The CSS property to change the background color of an element to Android 4278231911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 163, 103) }
```

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

```
.background{ background-color: rgb(0, 163,  
103) }
```

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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