

# Converting Colors

Android(4278226019)

Have a look what the booklet for  
Android(4278226019) contains.

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# Color

**Android(4278226019)**

# Conversions

## Conversions Part 1

Format	Color
Hex	008C63
RGB	0, 140, 99
RGB Percent	0%, 55%, 39%
CMY	1.0000, 0.4510, 0.6118
CMYK	1.00, 0.00, 0.29, 0.45
HSL	162°, 100%, 27%
HSV	162°, 100%, 55%
XYZ	11.6302, 19.6570, 14.9856
YIQ	93.4660, -70.2790, -42.4310

# Conversions

## Conversions Part 2

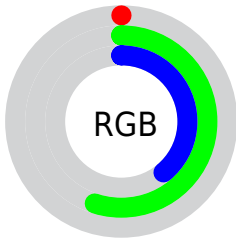
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 82, 140
Decimal	35939
CIELab	51.45, -42.49, 13.03
CIElCh	51, 44.444, 162.955
Yxy	19.6570, 0.2513, 0.4248
Android (android.graphics.Color)	4278226019 (0xFF008C63)
YUV	93.4660, 2.7283, -81.9697
Hunter-Lab	44.3362, -30.7646, 10.9954

# Details

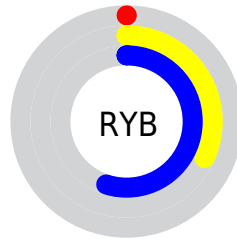
The Android color **4278226019** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **4287365161**, and the grayscale version is **4284308829**.

A 20% lighter version of the original color is **4283679638**, and **4278212916** is the 20% darker color. If you saturate the color by 10%, you get **4278226019**, and if you desaturate by 10%, it is **4279143527**.

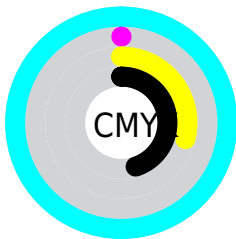
# Distribution



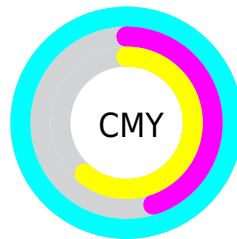
- Red (0%)
- Green (55%)
- Blue (39%)



- Red (0%)
- Yellow (32%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (29%)
- Black (45%)



- Cyan (100%)
- Magenta (45%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278226019 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 4278226019 by changing the saturation by 10% instead.



 4278226019

 4278226019

4294967295

 4278219339

 4283679638

 4278212916

 4285587377

 4278206495

 4287495372

 4278200840

 4289396712

 4278192640

 4291297279

 4278190080

 4293197823

 4278226019

 4279143527

 4280061035

 4280978543

 4281896051

 4282813560

 4283731068

 4284648576

 4285566084

 4286483592

# Harmonies

## Analogous

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



4283860800



4278226019



4278226570

# Triad

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



4278226019



4283791813



4290339657

# Complementary

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



4278226019



4287365161

# 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.



4290861420



4278226019



4287785651

# Square

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



4278226019



4278224323



4290076050



4288835888

# Rectangle

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



4278226019



4278226339



4290076050



4290666067



# Sweetspot

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



4278226019



4286559653



4280978432



4282080338



4292598747



4284243036



# Same Dimension

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



4278226019



4278236544



4278218892



4282271043



4278224222



4278191364



# Inverse Universe

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



4287365161



4290052149



4287372288



4282728000



4286906407



4278517761



# Previews

## White Background



This preview shows how the Android color 4278226019 looks on a white background.

## Color Contrast Check

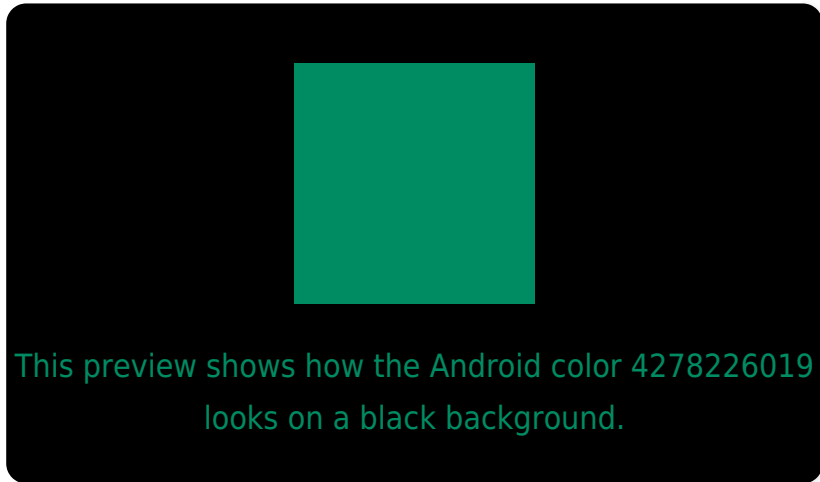
Large Text (above 18pt) WCAG AA ✓ Pass

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

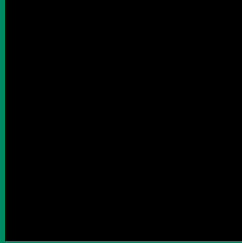
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4278226019 Background



This preview shows how black text looks on a background with the Android color 4278226019.

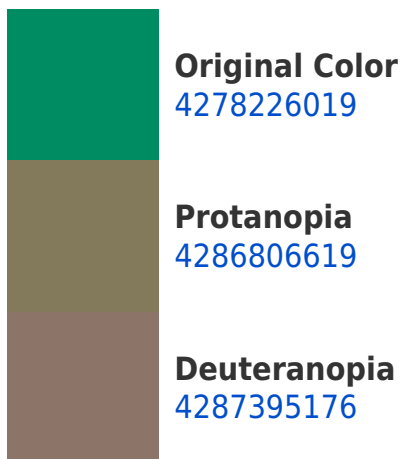


This preview shows how white text looks on a background with the Android color 4278226019.

# 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**

4278226019



**Protanomaly**

4283662686



**Deuteranomaly**

4284054886



**Tritanomaly**

4280191104

# Monochromacy



**Original Color**

4278226019



**Achromatopsia**

4284308829



**Achromatomaly**

4282084959

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278226019 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, 140, 99)` looks like.

```
.text, #text, p{  
    color:rgb(0, 140, 99)  
}
```

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, 140, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 140, 99) }
```

## Border

The CSS property to change the border of an element to Android 4278226019 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, 140, 99) }
```

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

```
.border{ border-color:rgb(0, 140, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 140, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 140, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 140, 99);  
box-shadow:4px 4px 4px 4px rgb(0, 140, 99)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278226019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 140, 99) }
```

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

```
.background{ background-color: rgb(0, 140,  
99) }
```

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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