

Converting Colors

Android(4278230639)

Have a look what the booklet for
Android(4278230639) contains.

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Color

Android(4278230639)

Conversions

Conversions Part 1

Format	Color
Hex	009E6F
RGB	0, 158, 111
RGB Percent	0%, 62%, 44%
CMY	1.0000, 0.3804, 0.5647
CMYK	1.00, 0.00, 0.30, 0.38
HSL	162°, 100%, 31%
HSV	162°, 100%, 62%
XYZ	15.0961, 25.6014, 19.1848
YIQ	105.4000, -79.0810, -48.1130

Conversions

Conversions Part 2

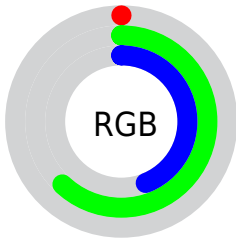
Format	Color
RYB	0, 93, 158
Decimal	40559
CIELab	57.66, -46.71, 14.87
CIELCh	58, 49.019, 162.340
Yxy	25.6014, 0.2521, 0.4275
Android (android.graphics.Color)	4278230639 (0xFF009E6F)
YUV	105.4000, 2.7608, -92.4358
Hunter-Lab	50.5978, -35.2899, 12.9379

Details

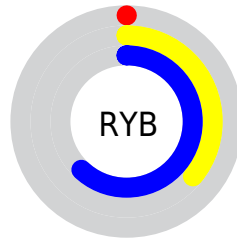
The Android color `4278230639` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4288544815`, and the grayscale version is `4285098345`.

A 20% lighter version of the original color is `4284012195`, and `4278217023` is the 20% darker color. If you saturate the color by 10%, you get `4278230639`, and if you desaturate by 10%, it is `4279279220`.

Distribution



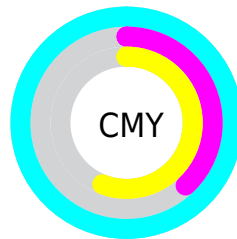
- Red (0%)
- Green (62%)
- Blue (44%)



- Red (0%)
- Yellow (36%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278230639 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 4278230639 by changing the saturation by 10% instead.

 4278230639

 4278230639

4294967295

 4278223702

 4284012195

 4278217023

 4285985470

 4278210601

 4287954906

 4278204436

 4289855478

 4278198784

 4291821567

 4278190080

 4293787647

 4278230639

 4279279220

 4280327800

 4281310845

 4282359426

 4283408007

 4284456587

 4285505168

 4286488213

 4287536793

Harmonies

Analogous

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



4284651592



4278230639



4278231195

Triad

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



4278230639



4284385758



4291915603

Complementary

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



4278230639



4288544815

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.



4292502906



4278230639



4288968906

Square

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



4278230639



4278228700



4291586470



4290215735

Rectangle

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



4278230639



4278230967



4291586470



4292307551

Sweetspot

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



4278230639



4287745980



4281310720



4282607965



4293454056



4285098345

Same Dimension

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



4278230639



4278243217



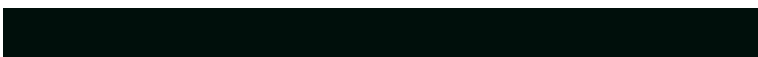
4278222494



4282863437



4278226788



4278193931

Inverse Universe

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



4288544815



4291756093



4288552960



4283385673



4287561770



4279173125

Previews

White Background



This preview shows how the Android color 4278230639 looks on a white background.

Color Contrast Check

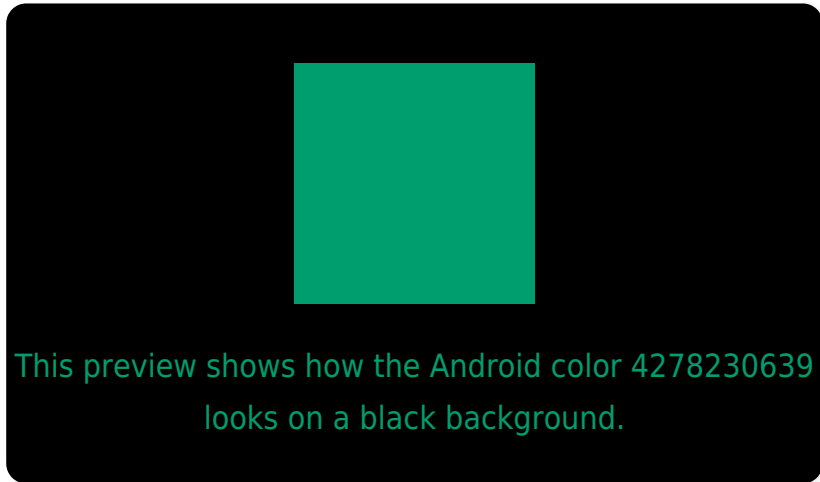
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278230639 Background



This preview shows how black text looks on a background with the Android color 4278230639.

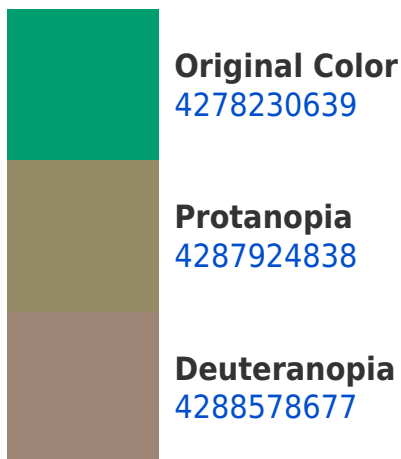


This preview shows how white text looks on a background with the Android color 4278230639.

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

4278230639



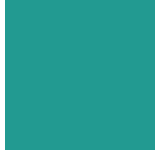
Protanomaly

4284387689



Deuteranomaly

4284845427



Tritanomaly

4280457873

Monochromacy



Original Color

4278230639



Achromatopsia

4285098345



Achromatomaly

4282612843

CSS Examples

Text

The CSS property to change the color of the text to Android 4278230639 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, 158, 111)` looks like.

```
.text, #text, p{  
    color:rgb(0, 158, 111)  
}
```

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, 158, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 158, 111) }
```

Border

The CSS property to change the border of an element to Android 4278230639 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, 158, 111) }
```

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

```
.border{ border-color:rgb(0, 158, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 158, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 158, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 158, 111);  
box-shadow:4px 4px 4px 4px rgb(0, 158,  
111) }
```

Background

The CSS property to change the background color of an element to Android 4278230639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 158, 111) }
```

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

```
.background{ background-color: rgb(0, 158,  
111) }
```

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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