

Converting Colors

Android(4278231927)

Have a look what the booklet for
Android(4278231927) contains.

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Color

Android(4278231927)

Conversions

Conversions Part 1

Format	Color
Hex	00A377
RGB	0, 163, 119
RGB Percent	0%, 64%, 47%
CMY	1.0000, 0.3608, 0.5333
CMYK	1.00, 0.00, 0.27, 0.36
HSL	164°, 100%, 32%
HSV	164°, 100%, 64%
XYZ	16.4270, 27.5263, 21.9001
YIQ	109.2470, -83.0240, -48.2400

Conversions

Conversions Part 2

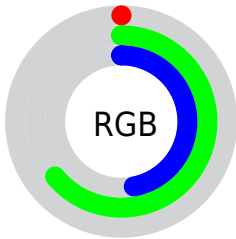
Format	Color
RYB	0, 94, 163
Decimal	41847
CIELab	59.46, -46.74, 12.92
CIElCh	59, 48.493, 164.549
Yxy	27.5263, 0.2494, 0.4180
Android (android.graphics.Color)	4278231927 (0xFF00A377)
YUV	109.2470, 4.8082, -95.8096
Hunter-Lab	52.4655, -35.9262, 11.9771

Details

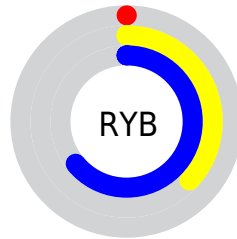
The Android color `4278231927` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4288872492`, and the grayscale version is `4285361517`.

A 20% lighter version of the original color is `4284144555`, and `4278218310` is the 20% darker color. If you saturate the color by 10%, you get `4278231927`, and if you desaturate by 10%, it is `4279280507`.

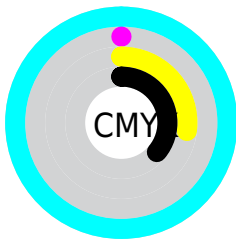
Distribution



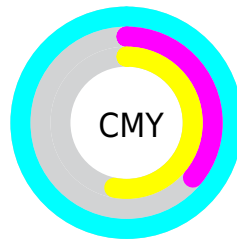
- Red (0%)
- Green (64%)
- Blue (47%)



- Red (0%)
- Yellow (37%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278231927 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 4278231927 by changing the saturation by 10% instead.



4278231927



4278231927

4294967295



4278224990



4284144555



4278218310



4286118087



4278211888



4288085987



4278205467



4290052095



4278200065



4292018175



4278190080



4293984255



4278231927



4279280507

 4280394624

 4281443204

 4282491785

 4283605901

 4284654481

 4285703062

 4286751642

 4287865759

Harmonies

Analogous

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



4284783952



4278231927



4278232483

Triad

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



4278231927



4285238754



4292179285

Complementary

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



4278231927



4288872492

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.



4292832124



4278231927



4289559756

Square

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



4278231927



4278229729



4291980711



4290413883

Rectangle

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



4278231927



4278231998



4291980711



4292505953

Sweetspot

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



4278231927



4287943875



4281246464



4282739553



4293651435



4285229931

Same Dimension

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



4278231927



4278244507



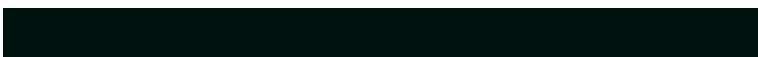
4278223011



4282995279



4278227306



4278194701

Inverse Universe

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



4288872492



4292083769



4288881408



4283582796



4287692839



4279369733

Previews

White Background



This preview shows how the Android color 4278231927 looks on a white background.

Color Contrast Check

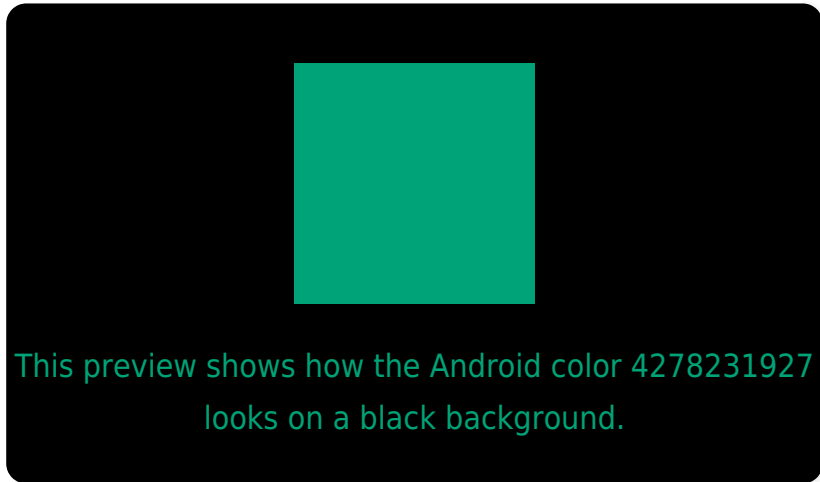
Large Text (above 18pt) WCAG AA ✓ Pass

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

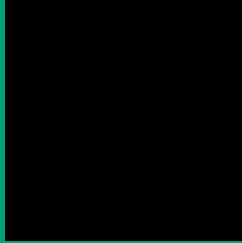
Any Text WCAG AA ✓ Pass

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 4278231927 Background



This preview shows how black text looks on a background with the Android color 4278231927.

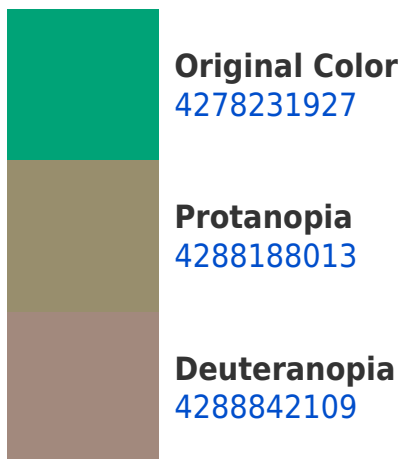


This preview shows how white text looks on a background with the Android color 4278231927.

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

4278231927



Protanomaly

4284585585



Deuteranomaly

4284977787



Tritanomaly

4280459159

Monochromacy



Original Color

4278231927



Achromatopsia

4285361517



Achromatomaly

4282745201

CSS Examples

Text

The CSS property to change the color of the text to Android 4278231927 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, 119)` looks like.

```
.text, #text, p{  
    color:rgb(0, 163, 119)  
}
```

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, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 163, 119) }
```

Border

The CSS property to change the border of an element to Android 4278231927 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, 119) }
```

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

```
.border{ border-color:rgb(0, 163, 119) }
```

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, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 163, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 163, 119);  
box-shadow:4px 4px 4px 4px rgb(0, 163,  
119) }
```

Background

The CSS property to change the background color of an element to Android 4278231927 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, 119) }
```

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

```
.background{ background-color: rgb(0, 163,  
119) }
```

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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