

Converting Colors

Android(4278233219)

Have a look what the booklet for
Android(4278233219) contains.

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Color

Android(4278233219)

Conversions

Conversions Part 1

Format	Color
Hex	00A883
RGB	0, 168, 131
RGB Percent	0%, 66%, 51%
CMY	1.0000, 0.3412, 0.4863
CMYK	1.00, 0.00, 0.22, 0.34
HSL	167°, 100%, 33%
HSV	167°, 100%, 66%
XYZ	18.0994, 29.6440, 26.2407
YIQ	113.5500, -88.2510, -47.1230

Conversions

Conversions Part 2

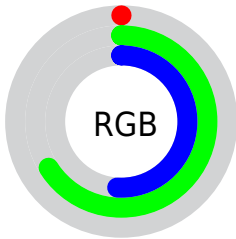
Format	Color
RYB	0, 94, 168
Decimal	43139
CIELab	61.35, -45.73, 8.89
CIELCh	61, 46.585, 168.994
Yxy	29.6440, 0.2446, 0.4007
Android (android.graphics.Color)	4278233219 (0xFF00A883)
YUV	113.5500, 8.6029, -99.5833
Hunter-Lab	54.4463, -35.9429, 9.5373

Details

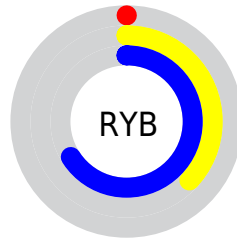
The Android color `4278233219` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4289200165`, and the grayscale version is `4285690482`.

A 20% lighter version of the original color is `4284276920`, and `4278219602` is the 20% darker color. If you saturate the color by 10%, you get `4278233219`, and if you desaturate by 10%, it is `4279347335`.

Distribution



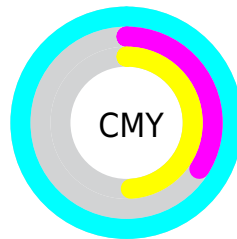
- Red (0%)
- Green (66%)
- Blue (51%)



- Red (0%)
- Yellow (37%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278233219 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 4278233219 by changing the saturation by 10% instead.

 4278233219

 4278233219

4294967295

 4278226282

 4284276920

 4278219602

 4286315988

 4278212923

 4288282608

 4278206757

 4290248703

 4278201104

 4292214783

 4278192384


 4294180863

 4278190080

 4278233219

 4279347335

 4280461450

 4281510030

 4282624146

 4283738261

 4284852377

 4285966493

 4287015073

 4288129188

Harmonies

Analogous

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



4284719964



4278233219



4278233518

Triad

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



4278233219



4286484450



4292181335

Complementary

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



4278233219



4289200165

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.



4293030524



4278233219



4290281419

Square

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



4278233219



4278230501



4292440997



4290350401

Rectangle

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



4278233219



4278233031



4292440997



4292573538

Sweetspot

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



4278233219



4288338893



4280788992



4282805861



4293783021



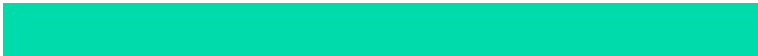
4285427310

Same Dimension

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



4278233219



4278246315



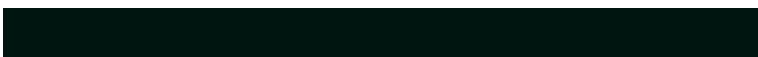
4278221736



4283192402



4278228083



4278195216

Inverse Universe

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



4289200165



4292542512



4289211648



4283714638



4287889441



4279500804

Previews

White Background



This preview shows how the Android color 4278233219 looks on a white background.

Color Contrast Check

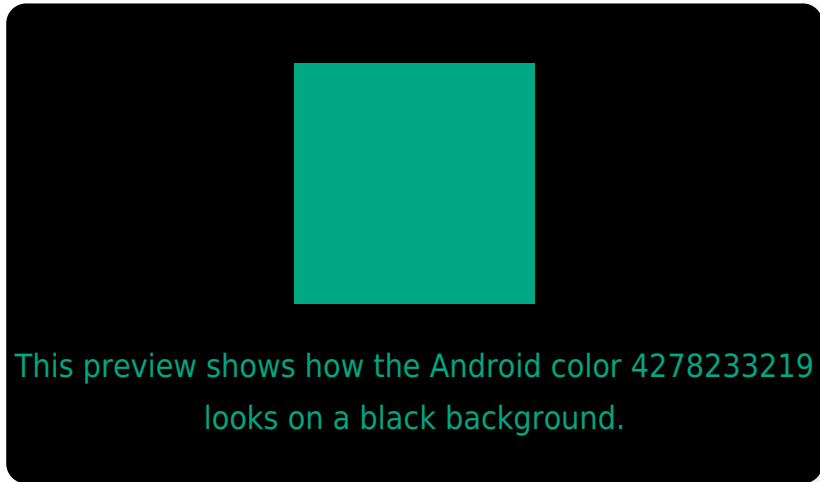
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278233219 Background



This preview shows how black text looks on a background with the Android color 4278233219.

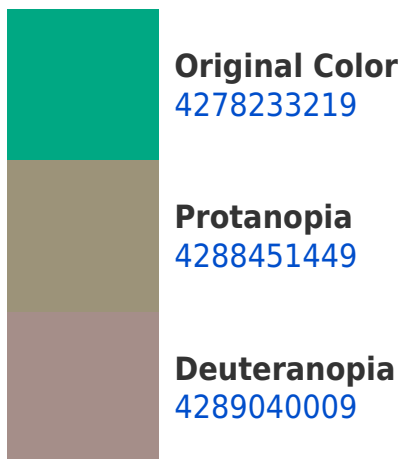


This preview shows how white text looks on a background with the Android color 4278233219.

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
4278233219



Protanomaly
4284717949



Deuteranomaly
4285110151



Tritanomaly
4280394911

Monochromacy



Original Color
4278233219



Achromatopsia
4285690482



Achromatomaly
4283008632

CSS Examples

Text

The CSS property to change the color of the text to Android 4278233219 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, 168, 131)` looks like.

```
.text, #text, p{  
    color:rgb(0, 168, 131)  
}
```

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, 168, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 168, 131) }
```

Border

The CSS property to change the border of an element to Android 4278233219 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, 168, 131) }
```

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

```
.border{ border-color:rgb(0, 168, 131) }
```

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

Here you see how a box with a 4 pixel rgb(0, 168, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 168, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 168, 131);  
box-shadow:4px 4px 4px 4px rgb(0, 168,  
131) }
```

Background

The CSS property to change the background color of an element to Android 4278233219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 168, 131) }
```

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

```
.background{ background-color: rgb(0, 168,  
131) }
```

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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