

Converting Colors

Android(4278233483)

Have a look what the booklet for
Android(4278233483) contains.

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Color

Android(4278233483)

Conversions

Conversions Part 1

Format	Color
Hex	00A98B
RGB	0, 169, 139
RGB Percent	0%, 66%, 55%
CMY	1.0000, 0.3373, 0.4549
CMYK	1.00, 0.00, 0.18, 0.34
HSL	169°, 100%, 33%
HSV	169°, 100%, 66%
XYZ	18.8482, 30.2400, 29.2696
YIQ	115.0490, -91.0940, -45.1580

Conversions

Conversions Part 2

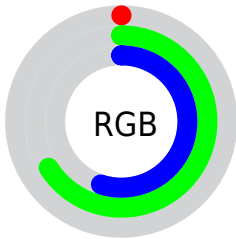
Format	Color
RYB	0, 93, 169
Decimal	43403
CIELab	61.86, -44.03, 5.17
CIELCh	62, 44.336, 173.309
Yxy	30.2400, 0.2405, 0.3859
Android (android.graphics.Color)	4278233483 (0xFF00A98B)
YUV	115.0490, 11.8078, -100.8980
Hunter-Lab	54.9909, -35.0531, 6.9358

Details

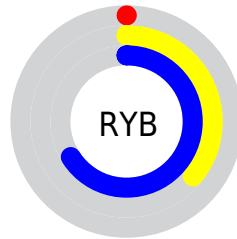
The Android color **4278233483** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **4289265694**, and the grayscale version is **4285756275**.

A 20% lighter version of the original color is **4284342720**, and **4278219865** is the 20% darker color. If you saturate the color by 10%, you get **4278233483**, and if you desaturate by 10%, it is **4279347598**.

Distribution



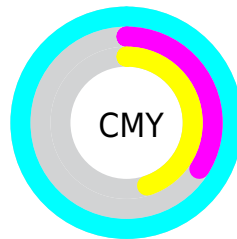
- Red (0%)
- Green (66%)
- Blue (55%)



- Red (0%)
- Yellow (36%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278233483 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 4278233483 by changing the saturation by 10% instead.

 4278233483

 4278233483

4294967295

 4278226546

 4284342720

 4278219865

 4286381788

 4278213186

 4288348153

 4278207020

 4290314239

 4278201367

 4292280319

 4278193408


 4294246399

 4278190080

 4278233483

 4279347598

 4280461713

 4281575828

 4282689943

 4283738522

 4284852637

 4285966752

 4287080867

 4288194982

Harmonies

Analogous

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



4284523877



4278233483



4278233523

Triad

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



4278233483



4287336414



4291920472

Complementary

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



4278233483



4289265694

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.



4292835193



4278233483



4290674629

Square

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



4278233483



4281900259



4292507040



4290089030

Rectangle

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



4278233483



4278233034



4292507040



4292377953

Sweetspot

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



4278233483



4288338896



4280264960



4282805863



4293783021



4285427310

Same Dimension

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



4278233483



4278246324



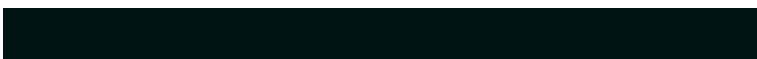
4278219689



4283192403



4278228090



4278195217

Inverse Universe

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



4289265694



4292542503



4289279488



4283714637



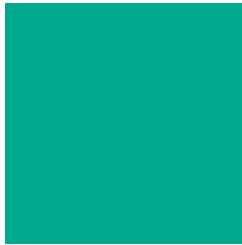
4287889434



4279500804

Previews

White Background



This preview shows how the Android color 4278233483 looks on a white background.

Color Contrast Check

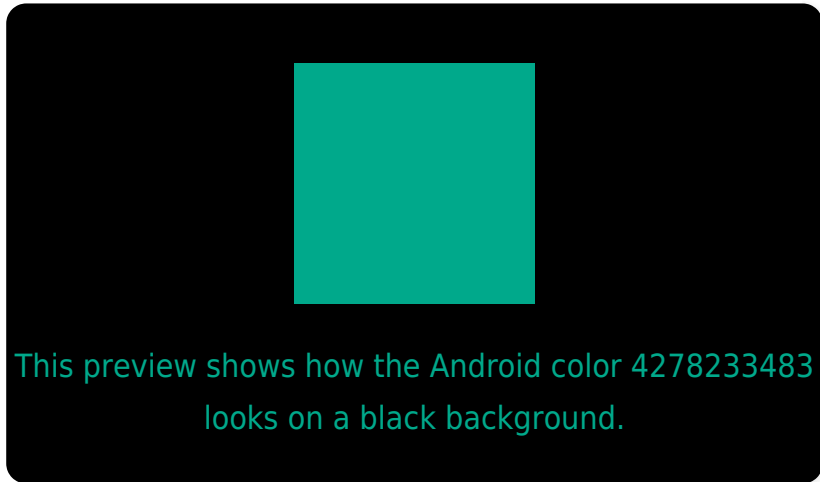
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Android 4278233483 Background



This preview shows how black text looks on a background with the Android color 4278233483.

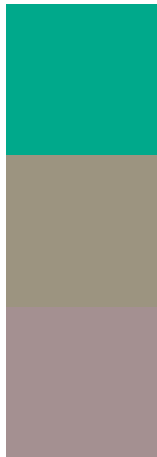


This preview shows how white text looks on a background with the Android color 4278233483.

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



Original Color
4278233483

Protanopia
4288451712

Deuteranopia
4288974993

Trichromacy



Original Color
4278233483



Protanomaly
4284718212



Deuteranomaly
4285045135



Tritanomaly
4280264355

Monochromacy



Original Color
4278233483



Achromatopsia
4285756275



Achromatomaly
4283008892

CSS Examples

Text

The CSS property to change the color of the text to Android 4278233483 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, 169, 139)` looks like.

```
.text, #text, p{  
    color:rgb(0, 169, 139)  
}
```

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, 169, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 169, 139) }
```

Border

The CSS property to change the border of an element to Android 4278233483 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, 169, 139) }
```

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

```
.border{ border-color:rgb(0, 169, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 169, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 169, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 169, 139);  
box-shadow:4px 4px 4px 4px rgb(0, 169,  
139) }
```

Background

The CSS property to change the background color of an element to Android 4278233483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 169, 139) }
```

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

```
.background{ background-color: rgb(0, 169,  
139) }
```

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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