

Converting Colors

Android(4278233975)

Have a look what the booklet for
Android(4278233975) contains.

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Color

Android(4278233975)

Conversions

Conversions Part 1

Format	Color
Hex	00AB77
RGB	0, 171, 119
RGB Percent	0%, 67%, 47%
CMY	1.0000, 0.3294, 0.5333
CMYK	1.00, 0.00, 0.30, 0.33
HSL	162°, 100%, 34%
HSV	162°, 100%, 67%
XYZ	17.8927, 30.4577, 22.3887
YIQ	113.9430, -85.2240, -52.4240

Conversions

Conversions Part 2

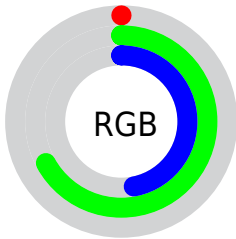
Format	Color
RYB	0, 101, 171
Decimal	43895
CIELab	62.05, -49.85, 16.52
CIELCh	62, 52.515, 161.668
Yxy	30.4577, 0.2529, 0.4306
Android (android.graphics.Color)	4278233975 (0xFF00AB77)
YUV	113.9430, 2.4931, -99.9280
Hunter-Lab	55.1885, -38.7084, 14.5794

Details

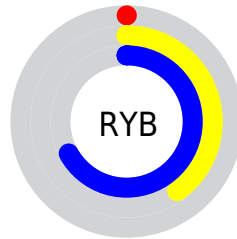
The Android color **4278233975** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **4289396788**, and the grayscale version is **4285690482**.

A 20% lighter version of the original color is **4284277675**, and **4278220102** is the 20% darker color. If you saturate the color by 10%, you get **4278233975**, and if you desaturate by 10%, it is **4279348092**.

Distribution



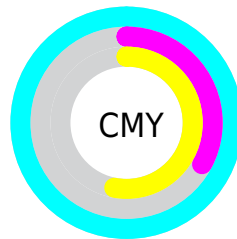
- Red (0%)
- Green (67%)
- Blue (47%)



- Red (0%)
- Yellow (40%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278233975 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 4278233975 by changing the saturation by 10% instead.



4278233975



4278233975

4294967295



4278227038



4284277675



4278220102



4286316487



4278213680



4288282595



4278207258



4290248703



4278201601



4292214783



4278193664



4294180863



4278190080




4278233975



4279348092

 4280462209

 4281576327

 4282690444

 4283804561

 4284984214

 4286098331

 4287212449

 4288326566

Harmonies

Analogous

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



4285244749



4278233975



4278234535

Triad

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



4278233975



4284716529



4293097562

Complementary

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



4278233975



4289396788

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.



4293684614



4278233975



4289823452

Square

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



4278233975



4278232046



4292637108



4291266875

Rectangle

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



4278233975



4278234310



4292637108



4293489512

Sweetspot

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



4278233975



4288405194



4281772800



4282937444



4293980400



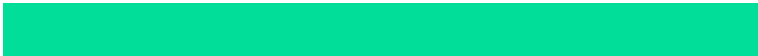
4285558896

Same Dimension

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



4278233975



4278247066



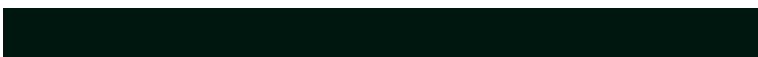
4278226091



4283324244



4278228585



4278195984

Inverse Universe

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



4289396788



4292739139



4289404672



4283911761



4288020526



4279697415

Previews

White Background



This preview shows how the Android color 4278233975 looks on a white background.

Color Contrast Check

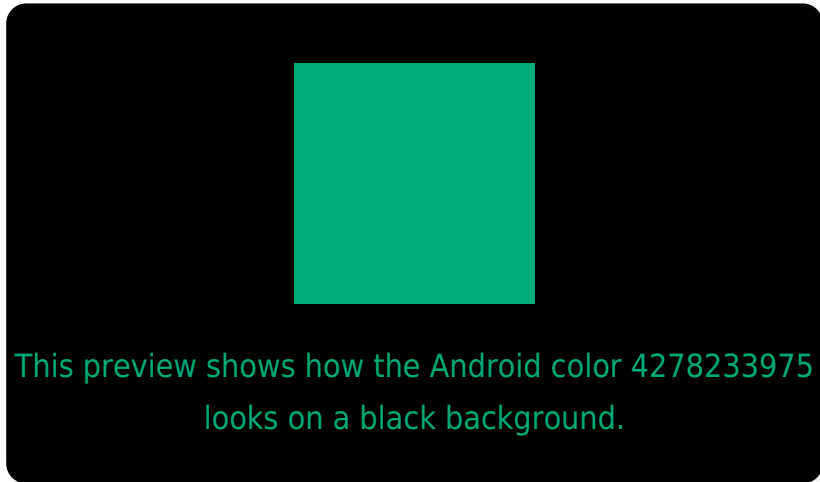
Large Text (above 18pt) WCAG AA × Fail

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 4278233975 Background



This preview shows how black text looks on a background with the Android color 4278233975.

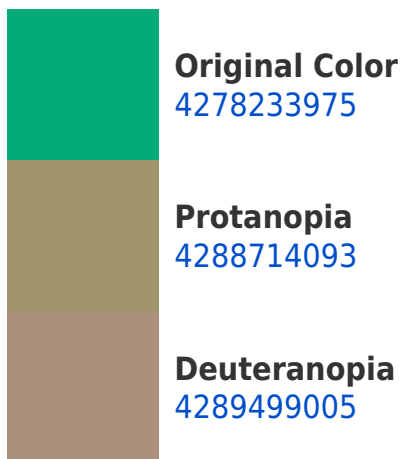


This preview shows how white text looks on a background with the Android color 4278233975.

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

4278233975



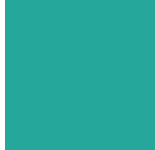
Protanomaly

4284915057



Deuteranomaly

4285372795



Tritanomaly

4280657820

Monochromacy



Original Color

4278233975



Achromatopsia

4285690482



Achromatomaly

4283008884

CSS Examples

Text

The CSS property to change the color of the text to Android 4278233975 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, 171, 119)` looks like.

```
.text, #text, p{  
    color:rgb(0, 171, 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, 171, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 171, 119) }
```

Border

The CSS property to change the border of an element to Android 4278233975 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, 171, 119) }
```

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

```
.border{ border-color:rgb(0, 171, 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, 171, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 171, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 171, 119);  
box-shadow:4px 4px 4px 4px rgb(0, 171,  
119) }
```

Background

The CSS property to change the background color of an element to Android 4278233975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 171, 119) }
```

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

```
.background{ background-color: rgb(0, 171,  
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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