

# Converting Colors

Android(4278233980)

Have a look what the booklet for  
Android(4278233980) contains.

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**Color**

**Android(4278233980)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00AB7C
RGB	0, 171, 124
RGB Percent	0%, 67%, 49%
CMY	1.0000, 0.3294, 0.5137
CMYK	1.00, 0.00, 0.27, 0.33
HSL	164°, 100%, 34%
HSV	164°, 100%, 67%
XYZ	18.2010, 30.5811, 24.0122
YIQ	114.5130, -86.8290, -50.8690

# Conversions

## Conversions Part 2

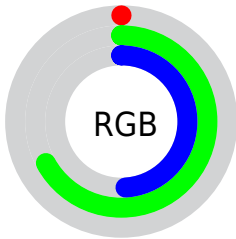
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 99, 171</a>
Decimal	<a href="#">43900</a>
CIELab	<a href="#">62.15, -48.67, 13.91</a>
CIELCh	<a href="#">62, 50.616, 164.047</a>
Yxy	<a href="#">30.5811, 0.2500, 0.4201</a>
Android (android.graphics.Color)	<a href="#">4278233980 (0xFF00AB7C)</a>
YUV	<a href="#">114.5130, 4.6771, -100.4279</a>
Hunter-Lab	<a href="#">55.3001, -38.0253, 12.9654</a>

# Details

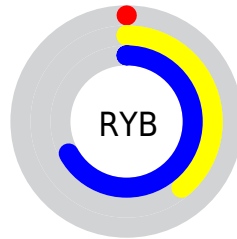
The Android color **4278233980** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **4289396783**, and the grayscale version is **4285756275**.

A 20% lighter version of the original color is **4284277681**, and **4278220107** is the 20% darker color. If you saturate the color by 10%, you get **4278233980**, and if you desaturate by 10%, it is **4279348097**.

# Distribution



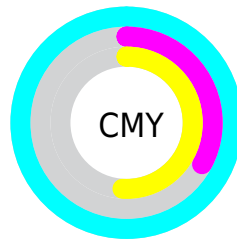
- Red (0%)
- Green (67%)
- Blue (49%)



- Red (0%)
- Yellow (39%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278233980 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 4278233980 by changing the saturation by 10% instead.



 4278233980

 4278233980

4294967295

 4278227043

 4284277681

 4278220107

 4286316492

 4278213684

 4288282600

 4278207263

 4290248703

 4278201608

 4292214783

 4278193664


 4294180863

 4278190080

 4278233980

 4279348097

 4280462213

 4281576330

 4282690447

 4283804563

 4284984216

 4286098333

 4287212450

 4288326566

# Harmonies

## Analogous

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



4285113683



4278233980



4278234539

# Triad

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



4278233980



4285437165



4292901466

# Complementary

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



4278233980



4289396783

# 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.



4293554051



4278233980



4290020055

# Square

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



4278233980



4278231788



4292637616



4291070782

# Rectangle

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



4278233980



4278234055



4292637616



4293293670



# Sweetspot

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



4278233980



4288405196



4281379584



4282937445



4293980400



4285558896



# Same Dimension

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



4278233980



4278247073



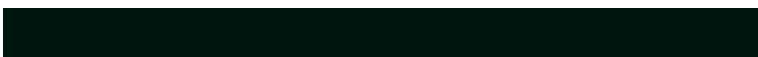
4278224555



4283324244



4278228589



4278195985



# Inverse Universe

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



4289396783



4292739133



4289406208



4283911760



4288020521



4279697414



# Previews

## White Background



This preview shows how the Android color 4278233980 looks on a white background.

## Color Contrast Check

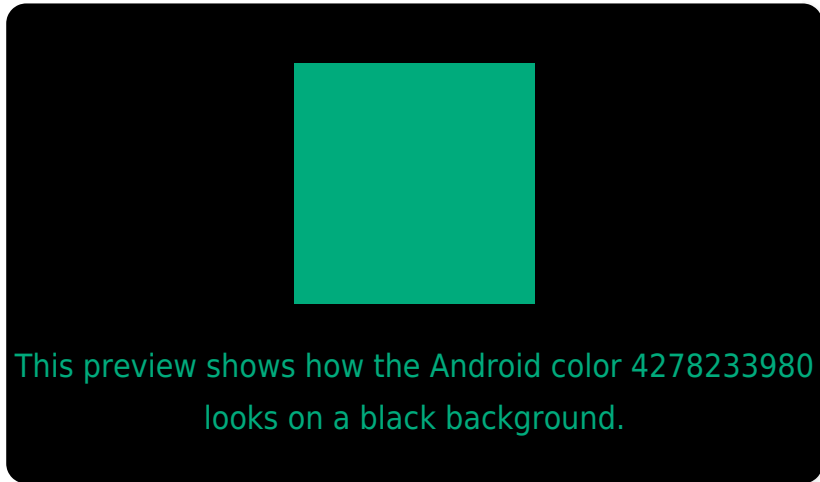
Large Text (above 18pt) WCAG AA × Fail

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 4278233980 Background



This preview shows how black text looks on a background with the Android color 4278233980.

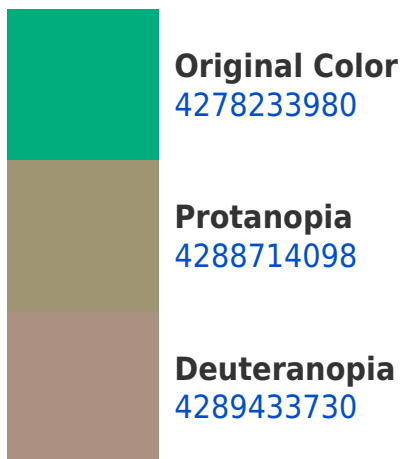


This preview shows how white text looks on a background with the Android color 4278233980.

# 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**

4278233980



**Protanomaly**

4284915062



**Deuteranomaly**

4285373056



**Tritanomaly**

4280592286

# Monochromacy



**Original Color**

4278233980



**Achromatopsia**

4285756275



**Achromatomaly**

4283008886

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278233980 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, 124)` looks like.

```
.text, #text, p{  
    color:rgb(0, 171, 124)  
}
```

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, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 171, 124) }
```

## Border

The CSS property to change the border of an element to Android 4278233980 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, 124) }
```

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

```
.border{ border-color:rgb(0, 171, 124) }
```

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, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 171, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 171, 124);  
box-shadow:4px 4px 4px 4px rgb(0, 171,  
124) }
```

# Background

The CSS property to change the background color of an element to Android 4278233980 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, 124) }
```

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

```
.background{ background-color: rgb(0, 171,  
124) }
```

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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