

Converting Colors

Android(4278234007)

Have a look what the booklet for
Android(4278234007) contains.

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Color

Android(4278234007)

Conversions

Conversions Part 1

Format	Color
Hex	00AB97
RGB	0, 171, 151
RGB Percent	0%, 67%, 59%
CMY	1.0000, 0.3294, 0.4078
CMYK	1.00, 0.00, 0.12, 0.33
HSL	173°, 100%, 34%
HSV	173°, 100%, 67%
XYZ	20.1488, 31.3602, 34.2693
YIQ	117.5910, -95.4960, -42.4720

Conversions

Conversions Part 2

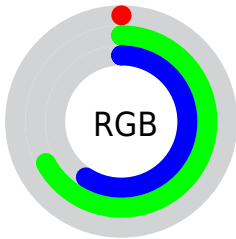
Format	Color
RYB	0, 91, 171
Decimal	43927
CIELab	62.81, -41.57, -0.16
CIELCh	63, 41.570, 180.225
Yxy	31.3602, 0.2349, 0.3656
Android (android.graphics.Color)	4278234007 (0xFF00AB97)
YUV	117.5910, 16.4706, -103.1273
Hunter-Lab	56.0002, -33.7761, 2.9176

Details

The Android color `4278234007` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4289396756`, and the grayscale version is `4285953654`.

A 20% lighter version of the original color is `4284408781`, and `4278220388` is the 20% darker color. If you saturate the color by 10%, you get `4278234007`, and if you desaturate by 10%, it is `4279348121`.

Distribution



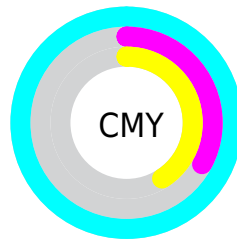
- Red (0%)
- Green (67%)
- Blue (59%)



- Red (0%)
- Yellow (36%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278234007 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 4278234007 by changing the saturation by 10% instead.



4278234007



4278234007

4294967295



4278227069



4284408781



4278220388



4286447593



4278213708



4288479231



4278207542



4290445311



4278201633



4292411391



4278194698



4294377471



4278190080




4278234007



4279348121

 4280462235

 4281576349

 4282690463

 4283804577

 4284984227

 4286098341

 4287212455

 4288326569

Harmonies

Analogous

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



4284196978



4278234007



4278233788

Triad

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



4278234007



4288384728



4291594585

Complementary

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



4278234007



4289396756

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.



4292705653



4278234007



4291199421

Square

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



4278234007



4284259553



4292639385



4289631821

Rectangle

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



4278234007



4278233040



4292639385



4292052065

Sweetspot

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



4278234007



4288405206



4279741184



4282937451



4293980400



4285558896

Same Dimension

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



4278234007



4278247108



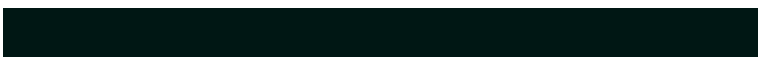
4278217899



4283324246



4278228613



4278195988

Inverse Universe

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



4289396756



4292739098



4289412864



4283911759



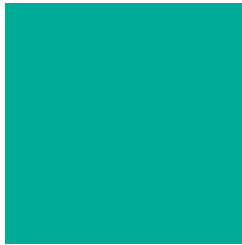
4288020498



4279697411

Previews

White Background



This preview shows how the Android color 4278234007 looks on a white background.

Color Contrast Check

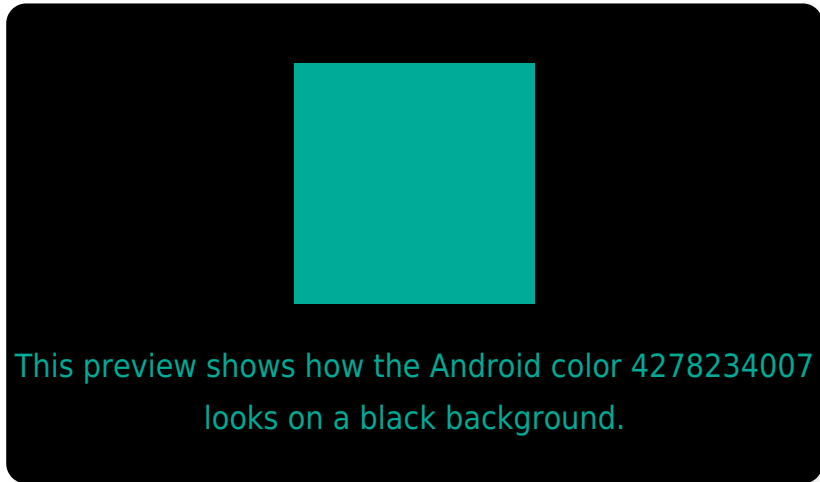
Large Text (above 18pt) WCAG AA × Fail

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 4278234007 Background



This preview shows how black text looks on a background with the Android color 4278234007.

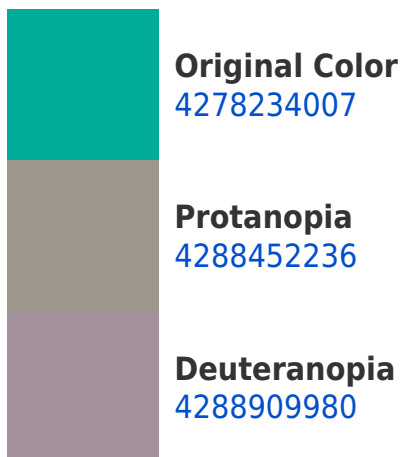


This preview shows how white text looks on a background with the Android color 4278234007.

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

4278234007



Protanomaly

4284718736



Deuteranomaly

4285045658



Tritanomaly

4280133801

Monochromacy



Original Color

4278234007



Achromatopsia

4285953654



Achromatomaly

4283140482

CSS Examples

Text

The CSS property to change the color of the text to Android 4278234007 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(0, 171, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 171, 151) }
```

Border

The CSS property to change the border of an element to Android 4278234007 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, 151) }
```

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

```
.border{ border-color:rgb(0, 171, 151) }
```

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, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 171, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 171, 151);  
box-shadow:4px 4px 4px 4px rgb(0, 171,  
151) }
```

Background

The CSS property to change the background color of an element to Android 4278234007 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, 151) }
```

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

```
.background{ background-color: rgb(0, 171,  
151) }
```

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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