

Converting Colors

Android(4278246807)

Have a look what the booklet for
Android(4278246807) contains.

Android(4278246807)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278246807)

Conversions

Conversions Part 1

Format	Color
Hex	00DD97
RGB	0, 221, 151
RGB Percent	0%, 87%, 59%
CMY	1.0000, 0.1333, 0.4078
CMYK	1.00, 0.00, 0.32, 0.13
HSL	161°, 100%, 43%
HSV	161°, 100%, 87%
XYZ	31.4424, 53.9473, 38.0338
YIQ	146.9410, -109.2460, -68.6220

Conversions

Conversions Part 2

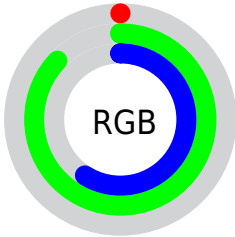
Format	Color
RYB	0, 131, 221
Decimal	56727
CIELab	78.43, -61.23, 21.96
CIELCh	78, 65.046, 160.270
Yxy	53.9473, 0.2548, 0.4371
Android (android.graphics.Color)	4278246807 (0xFF00DD97)
YUV	146.9410, 2.0011, -128.8673
Hunter-Lab	73.4488, -52.1222, 20.7121

Details

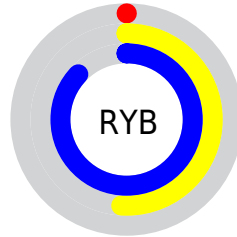
The Android color **4278246807** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **4292673606**, and the grayscale version is **4287861651**.

A 20% lighter version of the original color is **4285202381**, and **4278232164** is the 20% darker color. If you saturate the color by 10%, you get **4278246807**, and if you desaturate by 10%, it is **4279688606**.

Distribution



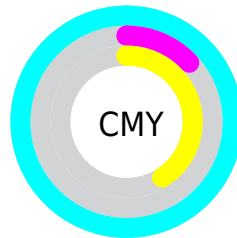
- Red (0%)
- Green (87%)
- Blue (59%)



- Red (0%)
- Yellow (51%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (32%)
- Black (13%)



- Cyan (100%)
- Magenta (13%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278246807 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 4278246807 by changing the saturation by 10% instead.

 4278246807

 4278246807

4294967295

 4278239357

 4285202381


 4278232164

 4287430634

 4278225227

 4289462271

 4278218548

 4291559423

 4278211870

 4293591039


 4278205447

 4278199296

 4278190080

 4278246807

 4279688606

 4281130405

 4282572204

 4284014003

 4285521338

 4286963137

 4288404936

 4289846735

 4291288534

Harmonies

Analogous

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



4287550817



4278246807



4278247638

Triad

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



4278246807



4286104319



4294941047

Complementary

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



4278246807



4292673606

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.



4294937776



4278246807



4292979199

Square

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



4278246807



4278244351



4294939628



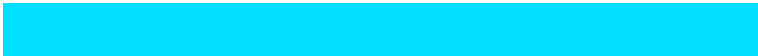
4294946893

Rectangle

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



4278246807



4278247421



4294939628



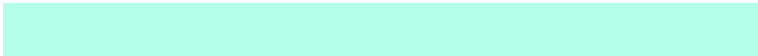
4294939529

Sweetspot

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



4278246807



4289986535



4283096320



4283596913



4278190080



4286611584

Same Dimension

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



4278246807



4278255534



4278237405



4284706410



4278234486



4278201887

Inverse Universe

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



4292673606



4294901841



4292683008



4285424486



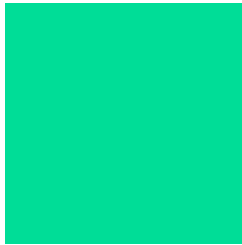
4289527863



4281204751

Previews

White Background



This preview shows how the Android color 4278246807 looks on a white background.

Color Contrast Check

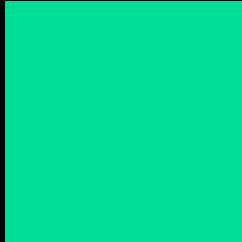
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4278246807 looks on a 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 4278246807 Background



This preview shows how black text looks on a background with the Android color 4278246807.

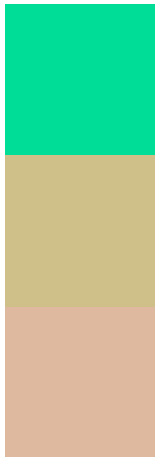


This preview shows how white text looks on a background with the Android color 4278246807.

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
4278246807

Protanopia
4291805322

Deuteranopia
4292852127

Trichromacy



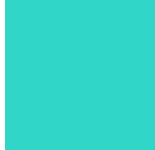
Original Color
4278246807



Protanomaly
4286892943



Deuteranomaly
4287547036



Tritanomaly
4281391048

Monochromacy



Original Color
4278246807



Achromatopsia
4287861651



Achromatomaly
4284395156

CSS Examples

Text

The CSS property to change the color of the text to Android 4278246807 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, 221, 151)` looks like.

```
.text, #text, p{  
    color:rgb(0, 221, 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, 221, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 221, 151) }
```

Border

The CSS property to change the border of an element to Android 4278246807 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, 221, 151) }
```

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

```
.border{ border-color:rgb(0, 221, 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, 221, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 221, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 221, 151);  
box-shadow:4px 4px 4px 4px rgb(0, 221,  
151) }
```

Background

The CSS property to change the background color of an element to Android 4278246807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 221, 151) }
```

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

```
.background{ background-color: rgb(0, 221,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor