

Converting Colors

Android(4278505856)

Have a look what the booklet for
Android(4278505856) contains.

Android(4278505856)	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(4278505856)

Conversions

Conversions Part 1

Format	Color
Hex	04D180
RGB	4, 209, 128
RGB Percent	2%, 82%, 50%
CMY	0.9843, 0.1804, 0.4980
CMYK	0.98, 0.00, 0.39, 0.18
HSL	156°, 96%, 42%
HSV	156°, 98%, 82%
XYZ	26.7468, 47.1853, 28.1200
YIQ	138.4710, -96.1790, -68.6510

Conversions

Conversions Part 2

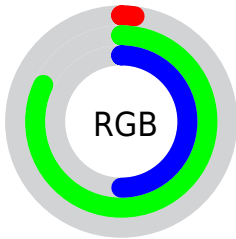
Format	Color
RYB	4, 132, 209
Decimal	315776
CIELab	74.31, -61.61, 28.34
CIELCh	74, 67.811, 155.297
Yxy	47.1853, 0.2621, 0.4624
Android (android.graphics.Color)	4278505856 (0xFF04D180)
YUV	138.4710, -5.1622, -117.9311
Hunter-Lab	68.6915, -50.7066, 23.8127

Details

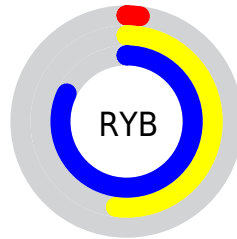
The Android color `4278505856` is a dark color, and the websafe version is hex `00CC66`. The color can be described as dark washed spring green. A complement of this color would be `4291888213`, and the grayscale version is `4287335307`.

A 20% lighter version of the original color is `4285071285`, and `4278229326` is the 20% darker color. If you saturate the color by 10%, you get `4278243710`, and if you desaturate by 10%, it is `4279882120`.

Distribution



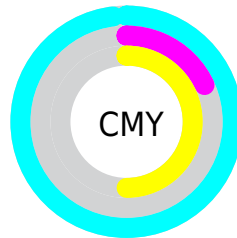
- Red (2%)
- Green (82%)
- Blue (50%)



- Red (2%)
- Yellow (52%)
- Blue (82%)



- Cyan (98%)
- Magenta (0%)
- Yellow (39%)
- Black (18%)



- Cyan (98%)
- Magenta (18%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278505856 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 4278505856 by changing the saturation by 10% instead.

 4278505856

 4278505856

4294967295

 4278236518

 4285071285


 4278229326

 4287168465

 4278222390

 4289200110

 4278215711

 4291231743

 4278209031

 4293263359

 4278203136

 4278196224

 4278190080

 4278505856

 4278505856

■ 4278243710

■ 4279882120

■ 4281258385

■ 4282634649

■ 4284010913

■ 4285321641

■ 4286697906

■ 4288074170

■ 4289450434

■ 4290826698

Harmonies

Analogous

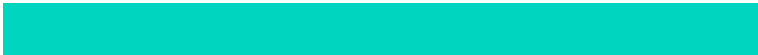
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4287416393



4278505856



4278244800

Triad

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



4278505856



4282104575



4294936690

Complementary

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



4278505856



4291888213

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.



4294933678



4278505856



4291338751

Square

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



4278505856



4278242303



4294936812



4294942786

Rectangle

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



4278505856



4278244586



4294936812



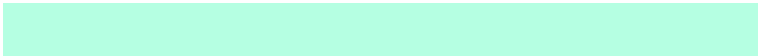
4294935173

Sweetspot

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



4278505856



4290117602



4283879684



4283662446



4278190080



4286611584

Same Dimension

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



4278505856



4278255514



4278500561



4284377444



4278233190



4278200601

Inverse Universe

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



4291888213



4294901861



4291893252



4285095522



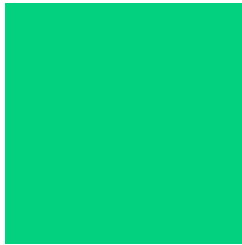
4289200194



4280877072

Previews

White Background



This preview shows how the Android color 4278505856 looks on a white background.

Color Contrast Check

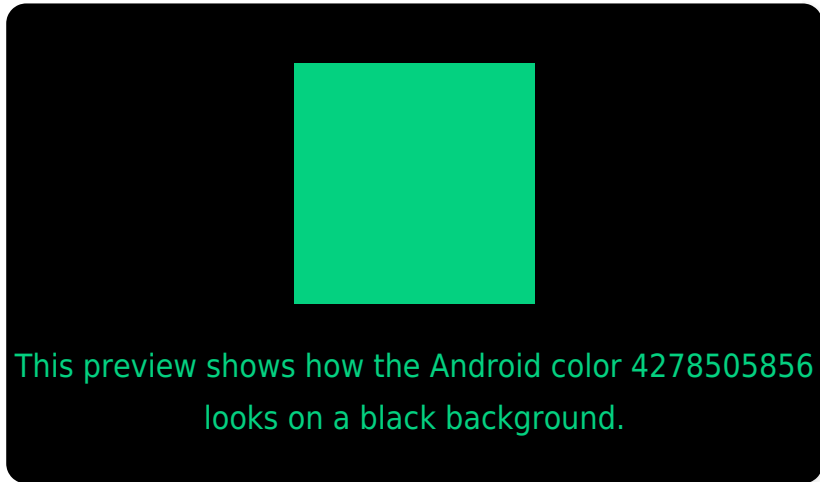
Large Text (above 18pt) WCAG AA × Fail

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 4278505856 Background



This preview shows how black text looks on a background with the Android color 4278505856.

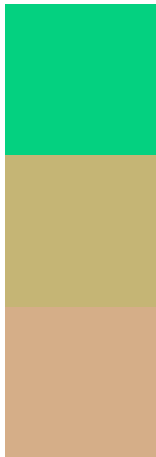


This preview shows how white text looks on a background with the Android color 4278505856.

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
4278505856

Protanopia
4291147125

Deuteranopia
4292193928

Trichromacy



Original Color

4278505856



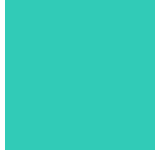
Protanomaly

4286562169



Deuteranomaly

4287216517



Tritanomaly

4281453495

Monochromacy



Original Color

4278505856



Achromatopsia

4287269514



Achromatomaly

4284064902

CSS Examples

Text

The CSS property to change the color of the text to Android 4278505856 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(4, 209, 128)` looks like.

```
.text, #text, p{  
    color:rgb(4, 209, 128)  
}
```

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(4, 209, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 209, 128) }
```

Border

The CSS property to change the border of an element to Android 4278505856 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(4, 209, 128) }
```

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

```
.border{ border-color:rgb(4, 209, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 209, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 209, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 209, 128);  
box-shadow:4px 4px 4px 4px rgb(4, 209,  
128) }
```

Background

The CSS property to change the background color of an element to Android 4278505856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 209, 128) }
```

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

```
.background{ background-color: rgb(4, 209,  
128) }
```

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