

Converting Colors

Android(4278242458)

Have a look what the booklet for
Android(4278242458) contains.

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Color

Android(4278242458)

Conversions

Conversions Part 1

Format	Color
Hex	00CC9A
RGB	0, 204, 154
RGB Percent	0%, 80%, 60%
CMY	1.0000, 0.2000, 0.3961
CMYK	1.00, 0.00, 0.25, 0.20
HSL	165°, 100%, 40%
HSV	165°, 100%, 80%
XYZ	27.4256, 45.5188, 37.9124
YIQ	137.3040, -105.5340, -58.7980

Conversions

Conversions Part 2

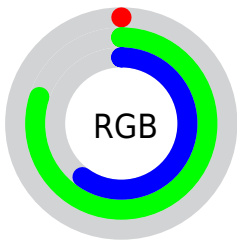
Format	Color
RYB	0, 116, 204
Decimal	52378
CIELab	73.23, -54.22, 13.15
CIELCh	73, 55.790, 166.372
Yxy	45.5188, 0.2474, 0.4106
Android (android.graphics.Color)	4278242458 (0xFF00CC9A)
YUV	137.3040, 8.2311, -120.4156
Hunter-Lab	67.4676, -45.5081, 13.9103

Details

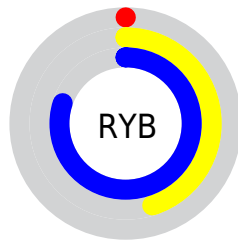
The Android color **4278242458** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **4291559474**, and the grayscale version is **4287203721**.

A 20% lighter version of the original color is **4284940240**, and **4278228071** is the 20% darker color. If you saturate the color by 10%, you get **4278242458**, and if you desaturate by 10%, it is **4279553183**.

Distribution



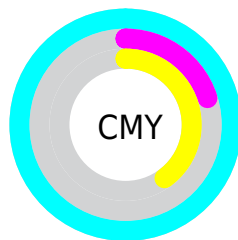
- Red (0%)
- Green (80%)
- Blue (60%)



- Red (0%)
- Yellow (45%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278242458 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 4278242458 by changing the saturation by 10% instead.



4278242458



4278242458

4294967295



4278235264



4284940240



4278228071



4287102957



4278221391



4289134591



4278214712



4291166207



4278208290



4293197823



4278202381



4278194944



4278190080



4278242458

 4279553183

 4280929444

 4282240169

 4283616430

 4284927155

 4286237880

 4287614141

 4288924866

 4290301127

Harmonies

Analogous

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



4286367338



4278242458



4278243023

Triad

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



4278242458



4287607039



4294940268

Complementary

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



4278242458



4291559474

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.



4294936986



4278242458



4292582395

Square

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



4278242458



4278239487



4294937549



4293241166

Rectangle

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



4278242458



4278242543



4294937549



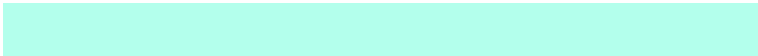
4294938746

Sweetspot

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



4278242458



4289986540



4281584640



4283596916



4278190080



4286611584

Same Dimension

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



4278242458



4278255553



4278229452



4284245604



4278232701



4278199837

Inverse Universe

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



4291559474



4294901823



4291572480



4284898398



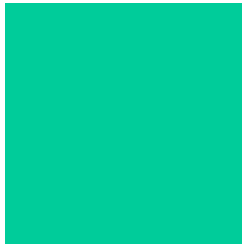
4289069097



4280680457

Previews

White Background



This preview shows how the Android color 4278242458 looks on a white background.

Color Contrast Check

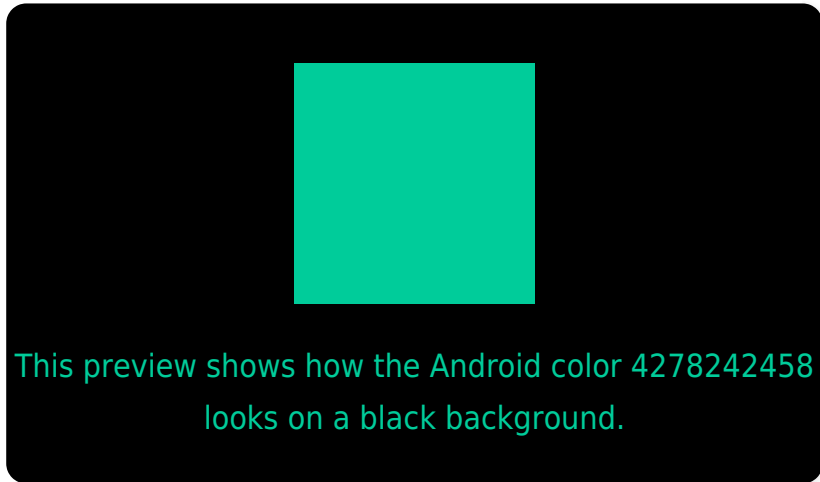
Large Text (above 18pt) WCAG AA × Fail

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 4278242458 Background



This preview shows how black text looks on a background with the Android color 4278242458.

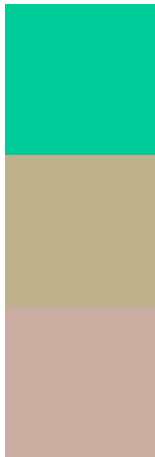


This preview shows how white text looks on a background with the Android color 4278242458.

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

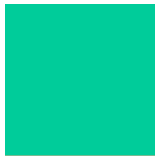


Original Color
4278242458

Protanopia
4290687629

Deuteranopia
4291472545

Trichromacy



Original Color

4278242458



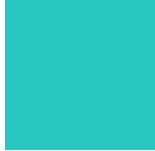
Protanomaly

4286167954



Deuteranomaly

4286691486



Tritanomaly

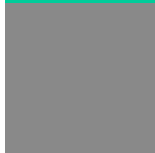
4280928191

Monochromacy



Original Color

4278242458



Achromatopsia

4287203721



Achromatomaly

4283933071

CSS Examples

Text

The CSS property to change the color of the text to Android 4278242458 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, 204, 154)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 154)  
}
```

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, 204, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 154) }
```

Border

The CSS property to change the border of an element to Android 4278242458 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, 204, 154) }
```

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

```
.border{ border-color:rgb(0, 204, 154) }
```

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

Here you see how a box with a 4 pixel rgb(0, 204, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 154);  
box-shadow:4px 4px 4px 4px rgb(0, 204,  
154) }
```

Background

The CSS property to change the background color of an element to Android 4278242458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 204, 154) }
```

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

```
.background{ background-color: rgb(0, 204,  
154) }
```

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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