

Converting Colors

Android(4278307742)

Have a look what the booklet for
Android(4278307742) contains.

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Color

Android(4278307742)

Conversions

Conversions Part 1

Format	Color
Hex	01CB9E
RGB	1, 203, 158
RGB Percent	0%, 80%, 62%
CMY	0.9961, 0.2039, 0.3804
CMYK	1.00, 0.00, 0.22, 0.20
HSL	167°, 99%, 40%
HSV	167°, 100%, 80%
XYZ	27.5400, 45.1869, 39.6182
YIQ	137.4720, -105.9470, -56.8190

Conversions

Conversions Part 2

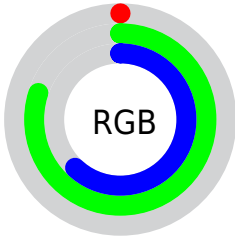
Format	Color
RYB	1, 115, 203
Decimal	117662
CIELab	73.01, -52.82, 10.69
CIELCh	73, 53.895, 168.558
Yxy	45.1869, 0.2451, 0.4022
Android (android.graphics.Color)	4278307742 (0xFF01CB9E)
YUV	137.4720, 10.1203, -119.6859
Hunter-Lab	67.2212, -44.5071, 12.1111

Details

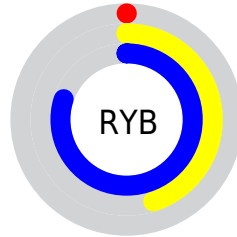
The Android color `4278307742` is a dark color, and the websafe version is hex `00CC99`. The color can be described as dark washed spring green. A complement of this color would be `4291494190`, and the grayscale version is `4287203721`.

A 20% lighter version of the original color is `4284940245`, and `4278228075` is the 20% darker color. If you saturate the color by 10%, you get `4278242206`, and if you desaturate by 10%, it is `4279618467`.

Distribution



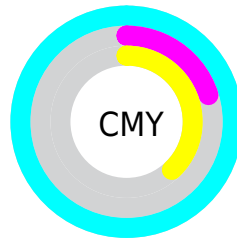
- Red (0%)
- Green (80%)
- Blue (62%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278307742 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 4278307742 by changing the saturation by 10% instead.

 4278307742

 4278307742

4294967295

 4278235012

 4284940245


 4278228075

 4287102961

 4278221138

 4289134591

 4278214459

 4291166207

 4278208038

 4293197823

 4278202129

 4278194688

 4278190080

 4278307742

 4278307742

■ 4278242206

■ 4279618467

■ 4280994727

■ 4282305452

■ 4283616176

■ 4284926901

■ 4286303161

■ 4287613886

■ 4288924610

■ 4290300871

Harmonies

Analogous

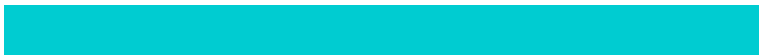
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4286170479



4278307742



4278242513

Triad

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



4278307742



4288130815



4294940779

Complementary

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



4278307742



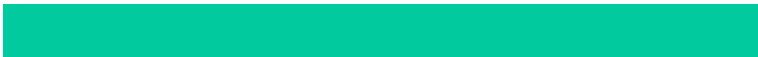
4291494190

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.



4294937494



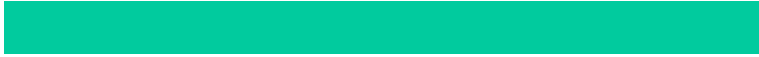
4278307742



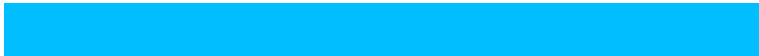
4292713205

Square

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



4278307742



4278238975



4294937544



4292913744

Rectangle

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



4278307742



4278242031



4294937544



4294939256

Sweetspot

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



4278307742



4289986542



4281387777



4283596917



4278190080



4286611584

Same Dimension

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



4278307742



4278255558



4278293963



4284245604



4278232705



4278199838

Inverse Universe

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



4291494190



4294901817



4291507969



4284898398



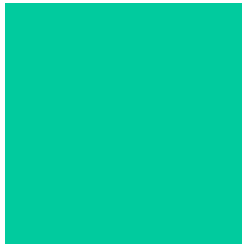
4289069093



4280680457

Previews

White Background



This preview shows how the Android color 4278307742 looks on a white background.

Color Contrast Check

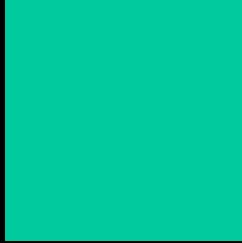
Large Text (above 18pt) WCAG AA × Fail

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 4278307742 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

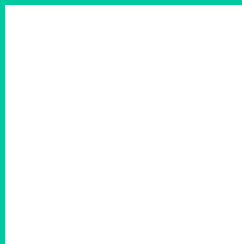
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4278307742 Background



This preview shows how black text looks on a background with the Android color 4278307742.



This preview shows how white text looks on a background with the Android color 4278307742.

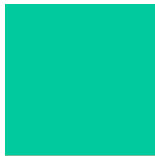
Color Blindness Simulation

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

4278307742



Protanomaly

4286102166



Deuteranomaly

4286625698



Tritanomaly

4280862656

Monochromacy



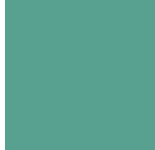
Original Color

4278307742



Achromatopsia

4287203721



Achromatomaly

4283998609

CSS Examples

Text

The CSS property to change the color of the text to Android 4278307742 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(1, 203, 158)` looks like.

```
.text, #text, p{  
    color:rgb(1, 203, 158)  
}
```

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(1, 203, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 203, 158) }
```

Border

The CSS property to change the border of an element to Android 4278307742 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(1, 203, 158) }
```

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

```
.border{ border-color:rgb(1, 203, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 203, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 203, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 203, 158);  
box-shadow:4px 4px 4px 4px rgb(1, 203,  
158) }
```

Background

The CSS property to change the background color of an element to Android 4278307742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 203, 158) }
```

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

```
.background{ background-color: rgb(1, 203,  
158) }
```

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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