

Converting Colors

Android(4278242199)

Have a look what the booklet for
Android(4278242199) contains.

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Color

Android(4278242199)

Conversions

Conversions Part 1

Format	Color
Hex	00CB97
RGB	0, 203, 151
RGB Percent	0%, 80%, 59%
CMY	1.0000, 0.2039, 0.4078
CMYK	1.00, 0.00, 0.26, 0.20
HSL	165°, 100%, 40%
HSV	165°, 100%, 80%
XYZ	26.9419, 44.9462, 36.5337
YIQ	136.3750, -104.2960, -59.2080

Conversions

Conversions Part 2

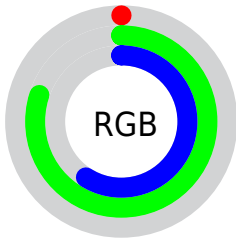
Format	Color
RYB	0, 116, 203
Decimal	52119
CIELab	72.86, -54.55, 14.22
CIELCh	73, 56.378, 165.386
Yxy	44.9462, 0.2485, 0.4145
Android (android.graphics.Color)	4278242199 (0xFF00CB97)
YUV	136.3750, 7.2101, -119.6009
Hunter-Lab	67.0420, -45.5904, 14.6200

Details

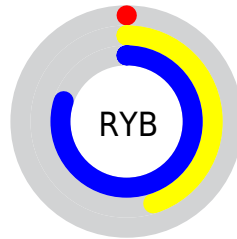
The Android color `4278242199` is a dark color, and the websafe version is hex `00CC99`. The color can be described as dark washed spring green. A complement of this color would be `4291493940`, and the grayscale version is `4287137928`.

A 20% lighter version of the original color is `4284940237`, and `4278228068` is the 20% darker color. If you saturate the color by 10%, you get `4278242199`, and if you desaturate by 10%, it is `4279552924`.

Distribution



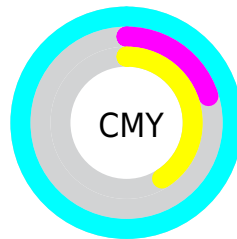
- Red (0%)
- Green (80%)
- Blue (59%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278242199 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 4278242199 by changing the saturation by 10% instead.

 4278242199

 4278242199

4294967295

 4278235005

 4284940237


 4278228068

 4287037418

 4278221132

 4289134591

 4278214453

 4291100671

 4278208032

 4293132287

 4278202121

 4278194688

 4278190080

 4278242199

 4279552924

 4280929185

 4282239911

 4283550636

 4284926897

 4286237622

 4287548347

 4288859073

 4290235334

Harmonies

Analogous

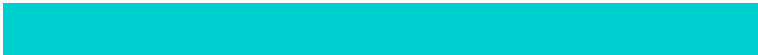
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4286366823



4278242199



4278242765

Triad

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



4278242199



4287279103



4294939755

Complementary

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



4278242199



4291493940

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.



4294936474



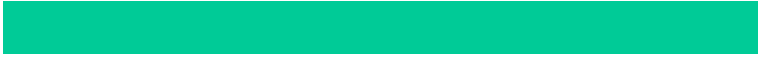
4278242199



4292385532

Square

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



4278242199



4278239487



4294937294



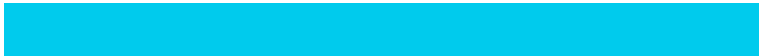
4293306188

Rectangle

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



4278242199



4278242285



4294937294



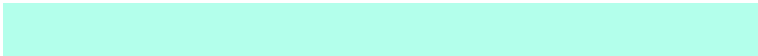
4294938234

Sweetspot

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



4278242199



4289986539



4281780992



4283596916



4278190080



4286611584

Same Dimension

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



4278242199



4278255550



4278230219



4284245603



4278232699



4278199836

Inverse Universe

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



4291493940



4294901825



4291505920



4284898398



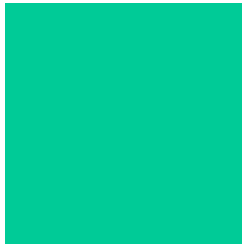
4289069098



4280680458

Previews

White Background



This preview shows how the Android color 4278242199 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 4278242199 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

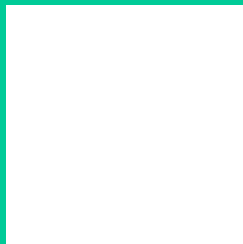
Any Text WCAG AAA ✓ Pass

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

Android 4278242199 Background



This preview shows how black text looks on a background with the Android color 4278242199.



This preview shows how white text looks on a background with the Android color 4278242199.

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

4278242199



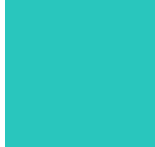
Protanomaly

4286102159



Deuteranomaly

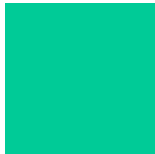
4286691227



Tritanomaly

4280927933

Monochromacy



Original Color

4278242199



Achromatopsia

4287137928



Achromatomaly

4283932813

CSS Examples

Text

The CSS property to change the color of the text to Android 4278242199 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, 203, 151)` looks like.

```
.text, #text, p{  
    color:rgb(0, 203, 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, 203, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 203, 151) }
```

Border

The CSS property to change the border of an element to Android 4278242199 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, 203, 151) }
```

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

```
.border{ border-color:rgb(0, 203, 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, 203, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 203, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 203, 151);  
box-shadow:4px 4px 4px 4px rgb(0, 203,  
151) }
```

Background

The CSS property to change the background color of an element to Android 4278242199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 203, 151) }
```

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

```
.background{ background-color: rgb(0, 203,  
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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