

Converting Colors

Android(4278240166)

Have a look what the booklet for
Android(4278240166) contains.

Android(4278240166)	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(4278240166)

Conversions

Conversions Part 1

Format	Color
Hex	00C3A6
RGB	0, 195, 166
RGB Percent	0%, 76%, 65%
CMY	1.0000, 0.2353, 0.3490
CMYK	1.00, 0.00, 0.15, 0.24
HSL	171°, 100%, 38%
HSV	171°, 100%, 76%
XYZ	26.3980, 41.7834, 42.7501
YIQ	133.3890, -106.9110, -50.3590

Conversions

Conversions Part 2

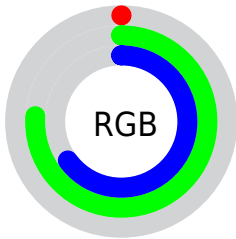
Format	Color
RYB	0, 105, 195
Decimal	50086
CIELab	70.72, -47.58, 3.07
CIElCh	71, 47.675, 176.308
Yxy	41.7834, 0.2380, 0.3767
Android (android.graphics.Color)	4278240166 (0xFF00C3A6)
YUV	133.3890, 16.0772, -116.9822
Hunter-Lab	64.6401, -40.2234, 6.0363

Details

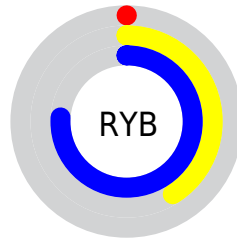
The Android color `4278240166` is a dark color, and the websafe version is hex `33CC99`. The color can be described as dark washed spring green. A complement of this color would be `4290969629`, and the grayscale version is `4286940549`.

A 20% lighter version of the original color is `4284873949`, and `4278226034` is the 20% darker color. If you saturate the color by 10%, you get `4278240166`, and if you desaturate by 10%, it is `4279485353`.

Distribution



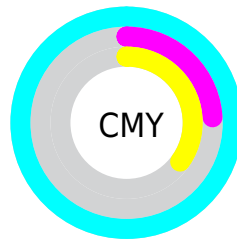
- Red (0%)
- Green (76%)
- Blue (65%)



- Red (0%)
- Yellow (41%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278240166 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 4278240166 by changing the saturation by 10% instead.

 4278240166

 4278240166

4294967295

 4278232972

 4284873949

 4278226034

 4286971898

 4278219354

 4289003519

 4278212674

 4291035135

 4278206508

 4293066751

 4278200856

 4278191360

 4278190080

 4278240166

 4279485353

 4280796076

 4282106799

 4283351986

 4284662709

 4285907895

 4287153082

 4288463805

 4289774528

Harmonies

Analogous

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



4285316987



4278240166



4278240210

Triad

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



4278240166



4289242363



4293761382

Complementary

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



4278240166



4290969629

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.



4294872201



4278240166



4292776926

Square

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



4278240166



4283872255



4294609588



4291602773

Rectangle

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



4278240166



4278239467



4294609588



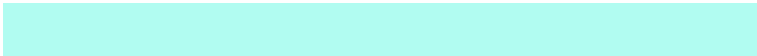
4294284400

Sweetspot

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



4278240166



4289854705



4280140544



4283596921



4278190080



4286611584

Same Dimension

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



4278240166



4278254807



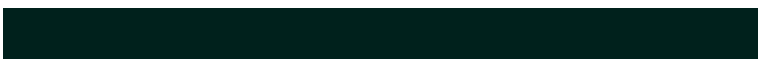
4278222787



4283916639



4278231433



4278198556

Inverse Universe

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



4290969629



4294705190



4290987008



4284569433



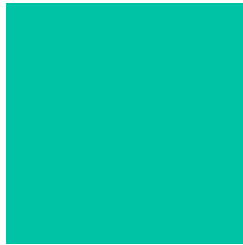
4288741400



4280352773

Previews

White Background



This preview shows how the Android color 4278240166 looks on a white background.

Color Contrast Check

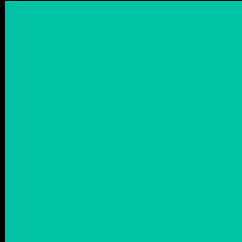
Large Text (above 18pt) WCAG AA × Fail

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 4278240166 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

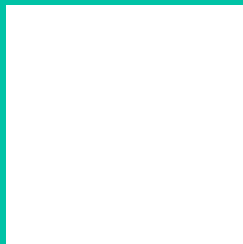
Any Text WCAG AAA ✓ Pass

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

Android 4278240166 Background



This preview shows how black text looks on a background with the Android color 4278240166.



This preview shows how white text looks on a background with the Android color 4278240166.

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

4278240166



Protanomaly

4285707422



Deuteranomaly

4286099882



Tritanomaly

4280467647

Monochromacy



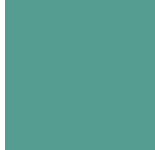
Original Color

4278240166



Achromatopsia

4286940549



Achromatomaly

4283800721

CSS Examples

Text

The CSS property to change the color of the text to Android 4278240166 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, 195, 166)` looks like.

```
.text, #text, p{  
    color:rgb(0, 195, 166)  
}
```

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, 195, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 195, 166) }
```

Border

The CSS property to change the border of an element to Android 4278240166 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, 195, 166) }
```

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

```
.border{ border-color:rgb(0, 195, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 195, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 195, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 195, 166);  
box-shadow:4px 4px 4px 4px rgb(0, 195,  
166) }
```

Background

The CSS property to change the background color of an element to Android 4278240166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 195, 166) }
```

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

```
.background{ background-color: rgb(0, 195,  
166) }
```

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