

Converting Colors

Android(4278241439)

Have a look what the booklet for
Android(4278241439) contains.

Android(4278241439)	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(4278241439)

Conversions

Conversions Part 1

Format	Color
Hex	00C89F
RGB	0, 200, 159
RGB Percent	0%, 78%, 62%
CMY	1.0000, 0.2157, 0.3765
CMYK	1.00, 0.00, 0.20, 0.22
HSL	168°, 100%, 39%
HSV	168°, 100%, 78%
XYZ	26.9123, 43.8118, 39.8390
YIQ	135.5260, -106.0390, -55.1510

Conversions

Conversions Part 2

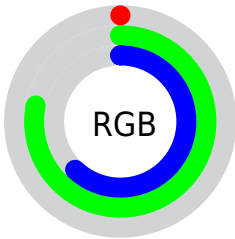
Format	Color
RYB	0, 111, 200
Decimal	51359
CIELab	72.10, -51.42, 8.85
CIELCh	72, 52.181, 170.231
Yxy	43.8118, 0.2434, 0.3963
Android (android.graphics.Color)	4278241439 (0xFF00C89F)
YUV	135.5260, 11.5727, -118.8563
Hunter-Lab	66.1904, -43.2572, 10.6476

Details

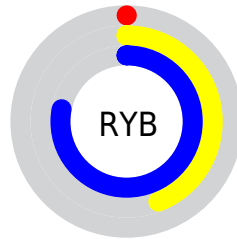
The Android color **4278241439** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **4291297321**, and the grayscale version is **4287072135**.

A 20% lighter version of the original color is **4284874710**, and **4278227308** is the 20% darker color. If you saturate the color by 10%, you get **4278241439**, and if you desaturate by 10%, it is **4279552163**.

Distribution



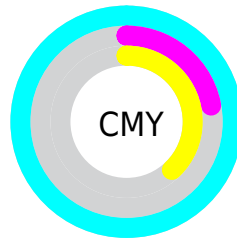
- Red (0%)
- Green (78%)
- Blue (62%)



- Red (0%)
- Yellow (44%)
- Blue (78%)



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



- Cyan (100%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278241439 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 4278241439 by changing the saturation by 10% instead.

 4278241439

 4278241439

4294967295

 4278234245

 4284874710


 4278227308

 4287037426

 4278220371

 4289069055

 4278213692

 4291100671

 4278207270

 4293132287

 4278201874

 4278193664

 4278190080

 4278241439

 4279552163

 4280862887

 4282173611

 4283484335

 4284795060

 4286105784

 4287416508

 4288727232

 4290037956

Harmonies

Analogous

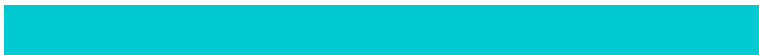
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4285907570



4278241439



4278241744

Triad

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



4278241439



4288391935



4294743913

Complementary

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



4278241439



4291297321

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.



4294937234



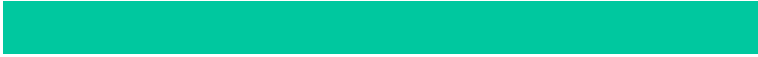
4278241439



4292647150

Square

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



4278241439



4280269567



4294937282



4292520273

Rectangle

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



4278241439



4278241261



4294937282



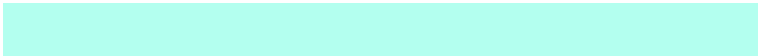
4294939253

Sweetspot

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



4278241439



4289986543



4281059328



4283596918



4278190080



4286611584

Same Dimension

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



4278241439



4278255563



4278226888



4284113761



4278231938



4278199324

Inverse Universe

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



4291297321



4294901812



4291311872



4284701276



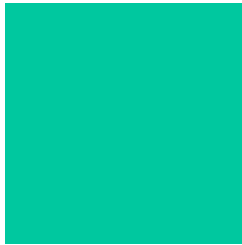
4288872481



4280549383

Previews

White Background



This preview shows how the Android color 4278241439 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 4278241439 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 4278241439 Background



This preview shows how black text looks on a background with the Android color 4278241439.

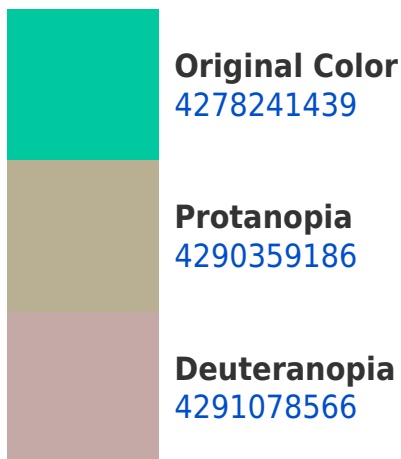


This preview shows how white text looks on a background with the Android color 4278241439.

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

4278241439



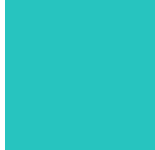
Protanomaly

4285970583



Deuteranomaly

4286428323



Tritanomaly

4280796351

Monochromacy



Original Color

4278241439



Achromatopsia

4287137928



Achromatomaly

4283932560

CSS Examples

Text

The CSS property to change the color of the text to Android 4278241439 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, 200, 159)` looks like.

```
.text, #text, p{  
    color:rgb(0, 200, 159)  
}
```

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, 200, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 200, 159) }
```

Border

The CSS property to change the border of an element to Android 4278241439 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, 200, 159) }
```

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

```
.border{ border-color:rgb(0, 200, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 200, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 200, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 200, 159);  
box-shadow:4px 4px 4px 4px rgb(0, 200,  
159) }
```

Background

The CSS property to change the background color of an element to Android 4278241439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 200, 159) }
```

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

```
.background{ background-color: rgb(0, 200,  
159) }
```

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