

Converting Colors

Android(4278239145)

Have a look what the booklet for
Android(4278239145) contains.

Android(4278239145)	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(4278239145)

Conversions

Conversions Part 1

Format	Color
Hex	00BFA9
RGB	0, 191, 169
RGB Percent	0%, 75%, 66%
CMY	1.0000, 0.2510, 0.3373
CMYK	1.00, 0.00, 0.12, 0.25
HSL	173°, 100%, 37%
HSV	173°, 100%, 75%
XYZ	25.7922, 40.1262, 43.9219
YIQ	131.3830, -106.7740, -47.3340

Conversions

Conversions Part 2

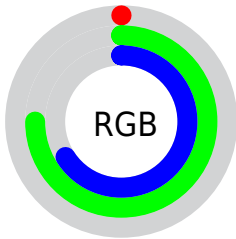
Format	Color
RYB	0, 101, 191
Decimal	49065
CIELab	69.56, -45.08, -0.26
CIELCh	70, 45.083, 180.330
Yxy	40.1262, 0.2348, 0.3653
Android (android.graphics.Color)	4278239145 (0xFF00BFA9)
YUV	131.3830, 18.5452, -115.2229
Hunter-Lab	63.3452, -38.1744, 3.2316

Details

The Android color **4278239145** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **4290707478**, and the grayscale version is **4286808963**.

A 20% lighter version of the original color is **4284807392**, and **4278225013** is the 20% darker color. If you saturate the color by 10%, you get **4278239145**, and if you desaturate by 10%, it is **4279484331**.

Distribution



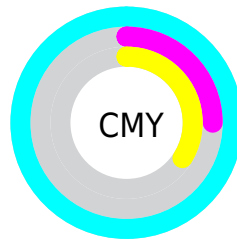
- Red (0%)
- Green (75%)
- Blue (66%)



- Red (0%)
- Yellow (40%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278239145 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 4278239145 by changing the saturation by 10% instead.



4278239145



4278239145

4294967295



4278231951



4284807392



4278225013



4286906365



4278218332



4288937983



4278211909



4290969599



4278205743



4293001215



4278200090



4278190080




4278239145



4279484331

 4280729517

 4281974704

 4283219890

 4284530612

 4285775798

 4287020984

 4288266171

 4289511357

Harmonies

Analogous

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



4284923008



4278239145



4278238930

Triad

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



4278239145



4289634289



4293106020

Complementary

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



4278239145



4290707478

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.



4294348163



4278239145



4292710611

Square

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



4278239145



4284985083



4294281643



4291012694

Rectangle

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



4278239145



4278238184



4294281643



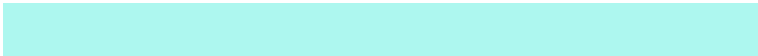
4293629036

Sweetspot

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



4278239145



4289591279



4279680768



4283465080



4294769916



4286414205

Same Dimension

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



4278239145



4278253531



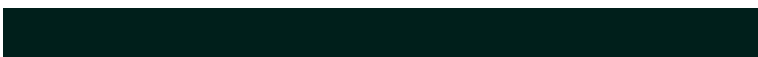
4278220479



4283784797



4278230668



4278198043

Inverse Universe

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



4290707478



4294377500



4290726144



4284372310



4288544786



4280221700

Previews

White Background



This preview shows how the Android color 4278239145 looks on a white background.

Color Contrast Check

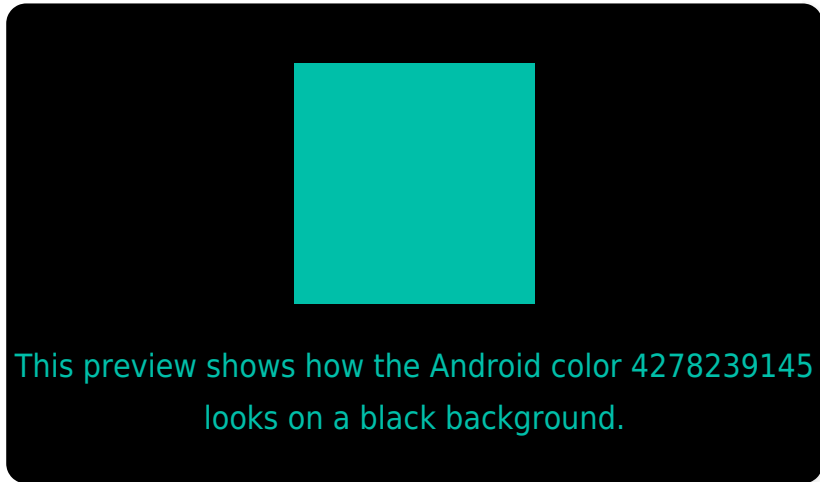
Large Text (above 18pt) WCAG AA × Fail

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

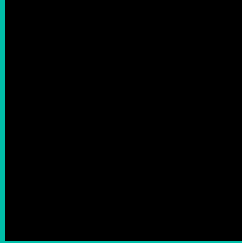
Any Text WCAG AA ✓ Pass

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 4278239145 Background



This preview shows how black text looks on a background with the Android color 4278239145.

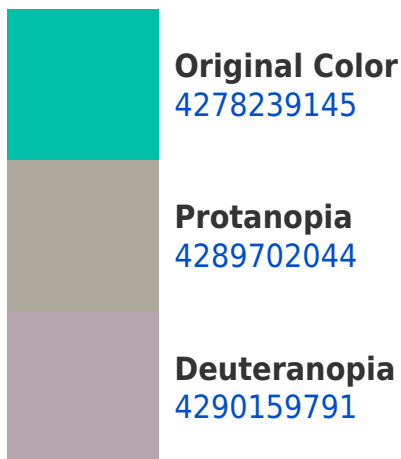


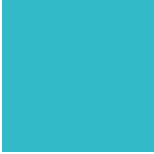
This preview shows how white text looks on a background with the Android color 4278239145.

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





Tritanopia
4281514697

Trichromacy



Original Color

4278239145



Protanomaly

4285509793



Deuteranomaly

4285836973



Tritanomaly

4280335549

Monochromacy



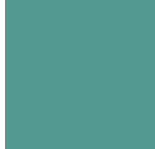
Original Color

4278239145



Achromatopsia

4286808963



Achromatomaly

4283668881

CSS Examples

Text

The CSS property to change the color of the text to Android 4278239145 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, 191, 169)` looks like.

```
.text, #text, p{  
    color:rgb(0, 191, 169)  
}
```

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, 191, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 191, 169) }
```

Border

The CSS property to change the border of an element to Android 4278239145 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, 191, 169) }
```

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

```
.border{ border-color:rgb(0, 191, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 191, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 191, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 191, 169);  
box-shadow:4px 4px 4px 4px rgb(0, 191,  
169) }
```

Background

The CSS property to change the background color of an element to Android 4278239145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 191, 169) }
```

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

```
.background{ background-color: rgb(0, 191,  
169) }
```

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