

Converting Colors

Android(4278233255)

Have a look what the booklet for
Android(4278233255) contains.

| | |
|--|----|
| Android(4278233255) | 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(4278233255)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 00A8A7 |
| RGB | 0, 168, 167 |
| RGB Percent | 0%, 66%, 65% |
| CMY | 1.0000, 0.3412, 0.3451 |
| CMYK | 1.00, 0.00, 0.01, 0.34 |
| HSL | 180°, 100%, 33% |
| HSV | 180°, 100%, 66% |
| XYZ | 20.9777, 30.7953, 41.3977 |
| YIQ | 117.6540, -99.8070, -35.9270 |

Conversions

Conversions Part 2

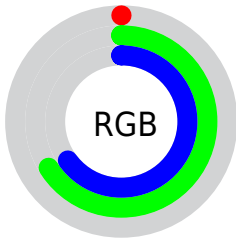
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 84, 168 |
| Decimal | 43175 |
| CIELab | 62.33, -35.48, -9.83 |
| CIELCh | 62, 36.821, 195.483 |
| Yxy | 30.7953, 0.2252, 0.3305 |
| Android (android.graphics.Color) | 4278233255 (0xFF00A8A7) |
| YUV | 117.6540, 24.3276, -103.1826 |
| Hunter-Lab | 55.4935, -29.6370, -5.3844 |

Details

The Android color `4278233255` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4289200129`, and the grayscale version is `4285887861`.

A 20% lighter version of the original color is `4284473566`, and `4278219635` is the 20% darker color. If you saturate the color by 10%, you get `4278233255`, and if you desaturate by 10%, it is `4279347367`.

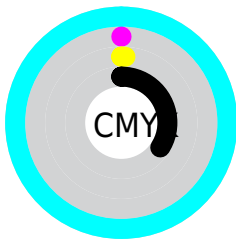
Distribution



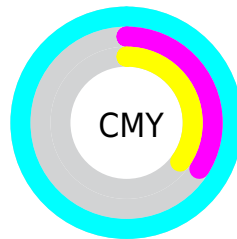
- Red (0%)
- Green (66%)
- Blue (65%)



- Red (0%)
- Yellow (33%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (1%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278233255 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 4278233255 by changing the saturation by 10% instead.

 4278233255

 4278233255

4294967295

 4278226317

 4284473566

 4278219635

 4286578171

 4278213211

 4288544767

 4278207043

 4290510847

 4278201133

 4292542463

 4278194201

 4294508543

 4278190080

 4278233255

 4279347367

 4280461479

 4281510055

 4282624167

 4283738279

 4284852392

 4285966504

 4287015080

 4288129192

Harmonies

Analogous

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



4283148165



4278233255



4278232516

Triad

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



4278233255



4289759429



4290416471

Complementary

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



4278233255



4289200129

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.



4291789930



4278233255



4291592104

Square

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



4278233255



4286747861



4292246919



4288387670

Rectangle

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



4278233255



4281246161



4292246919



4290939740

Sweetspot

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



4278233255



4288338907



4278429696



4282805869



4293783021



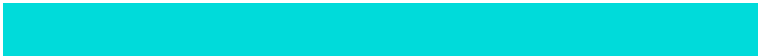
4285427310

Same Dimension

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



4278233255



4278246362



4278212520



4283192404



4278228115



4278195220

Inverse Universe

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



4289200129



4292542465



4289220864



4283714636



4287889409



4279500800

Previews

White Background



This preview shows how the Android color 4278233255 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 4278233255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

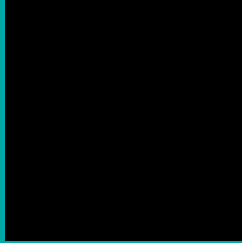
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

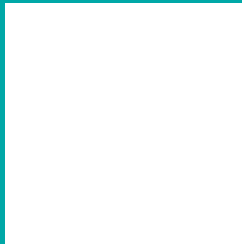
Any Text WCAG AAA ✓ Pass

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

Android 4278233255 Background



This preview shows how black text looks on a background with the Android color 4278233255.

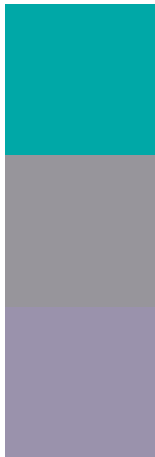


This preview shows how white text looks on a background with the Android color 4278233255.

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



Original Color
4278233255

Protanopia
4288124315

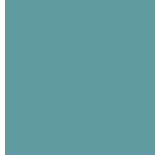
Deuteranopia
4288320172

Trichromacy



Original Color

4278233255



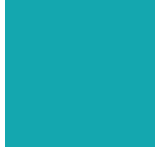
Protanomaly

4284521631



Deuteranomaly

4284652202



Tritanomaly

4279543727

Monochromacy



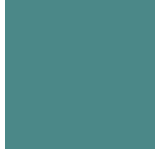
Original Color

4278233255



Achromatopsia

4285953654



Achromatomaly

4283140232

CSS Examples

Text

The CSS property to change the color of the text to Android 4278233255 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, 168, 167)` looks like.

```
.text, #text, p{  
    color:rgb(0, 168, 167)  
}
```

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, 168, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 168, 167) }
```

Border

The CSS property to change the border of an element to Android 4278233255 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, 168, 167) }
```

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

```
.border{ border-color:rgb(0, 168, 167) }
```

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

Here you see how a box with a 4 pixel rgb(0, 168, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 168, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 168, 167);  
box-shadow:4px 4px 4px 4px rgb(0, 168,  
167) }
```

Background

The CSS property to change the background color of an element to Android 4278233255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 168, 167) }
```

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

```
.background{ background-color: rgb(0, 168,  
167) }
```

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