

Converting Colors

Android(4278235072)

Have a look what the booklet for
Android(4278235072) contains.

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Color

Android(4278235072)

Conversions

Conversions Part 1

Format	Color
Hex	00AFC0
RGB	0, 175, 192
RGB Percent	0%, 69%, 75%
CMY	1.0000, 0.3137, 0.2471
CMYK	1.00, 0.09, 0.00, 0.25
HSL	185°, 100%, 38%
HSV	185°, 100%, 75%
XYZ	24.8444, 34.4657, 55.2123
YIQ	124.6130, -109.7570, -31.8130

Conversions

Conversions Part 2

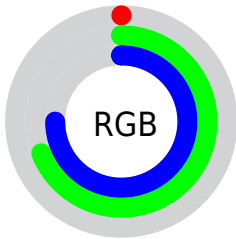
Format	Color
RYB	0, 92, 192
Decimal	44992
CIELab	65.33, -30.87, -19.26
CIELCh	65, 36.385, 211.962
Yxy	34.4657, 0.2169, 0.3010
Android (android.graphics.Color)	4278235072 (0xFF00AFC0)
YUV	124.6130, 33.2218, -109.2856
Hunter-Lab	58.7075, -27.1988, -14.6648

Details

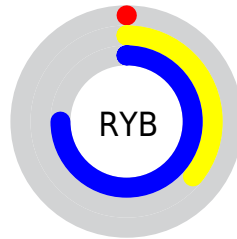
The Android color `4278235072` is a dark color, and the websafe version is hex `009999`. The color can be described as dark washed azure. A complement of this color would be `4290777344`, and the grayscale version is `4286348412`.

A 20% lighter version of the original color is `4284803064`, and `4278221451` is the 20% darker color. If you saturate the color by 10%, you get `4278235072`, and if you desaturate by 10%, it is `4279480768`.

Distribution



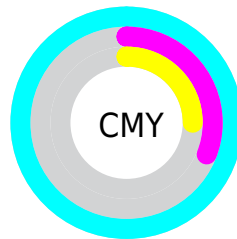
- Red (0%)
- Green (69%)
- Blue (75%)



- Red (0%)
- Yellow (36%)
- Blue (75%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (31%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278235072 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 4278235072 by changing the saturation by 10% instead.



4278235072



4278235072

4294967295



4278228133



4284803064



4278221451



4286906367



4278215025



4288937983



4278208601



4290969599



4278202689



4293001215



4278197547



4278190358



4278190080



4278235072

 4279480768

 4280726208

 4282037440

 4283283136

 4284528832

 4285774272

 4287019968

 4288331200

 4289576640

Harmonies

Analogous

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



4282036384



4278235072



4281772759

Triad

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



4278235072



4291398334



4289895773

Complementary

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



4278235072



4290777344

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.



4291662438



4278235072



4292642206

Square

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



4278235072



4289041878



4292642942



4287670118

Rectangle

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



4278235072



4284458207



4292642942



4290550366

Sweetspot

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



4278235072



4289721338



4278239248



4283464061



4294769916



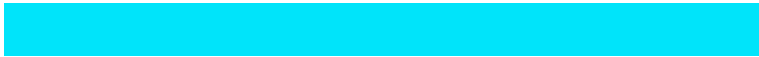
4286414205

Same Dimension

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



4278235072



4278248698



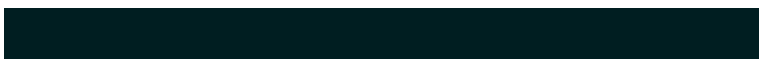
4278210752



4283916385



4278227617



4278197793

Inverse Universe

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



4290773167



4294574308



4290801664



4284569440



4288741522



4280352798

Previews

White Background



This preview shows how the Android color 4278235072 looks on a white background.

Color Contrast Check

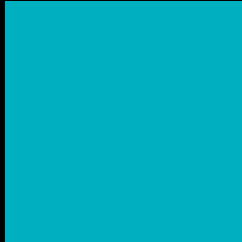
Large Text (above 18pt) WCAG AA × Fail

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 4278235072 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 4278235072 Background



This preview shows how black text looks on a background with the Android color 4278235072.



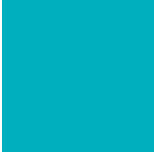
This preview shows how white text looks on a background with the Android color 4278235072.

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



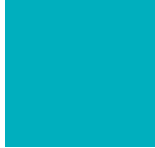
Original Color
4278235072



Protanomaly
4284654520



Deuteranomaly
4284588739



Tritanomaly
4278235070

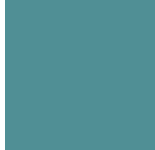
Monochromacy



Original Color
4278235072



Achromatopsia
4286414205



Achromatomaly
4283469717

CSS Examples

Text

The CSS property to change the color of the text to Android 4278235072 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, 175, 192)` looks like.

```
.text, #text, p{  
    color:rgb(0, 175, 192)  
}
```

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, 175, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 175, 192) }
```

Border

The CSS property to change the border of an element to Android 4278235072 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, 175, 192) }
```

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

```
.border{ border-color:rgb(0, 175, 192) }
```

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

Here you see how a box with a 4 pixel rgb(0, 175, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 175, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 175, 192);  
box-shadow:4px 4px 4px 4px rgb(0, 175,  
192) }
```

Background

The CSS property to change the background color of an element to Android 4278235072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 175, 192) }
```

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

```
.background{ background-color: rgb(0, 175,  
192) }
```

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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