

Converting Colors

Android(4278235312)

Have a look what the booklet for
Android(4278235312) contains.

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Color

Android(4278235312)

Conversions

Conversions Part 1

Format	Color
Hex	00B0B0
RGB	0, 176, 176
RGB Percent	0%, 69%, 69%
CMY	1.0000, 0.3098, 0.3098
CMYK	1.00, 0.00, 0.00, 0.31
HSL	180°, 100%, 35%
HSV	180°, 100%, 69%
XYZ	23.3618, 34.1853, 46.4414
YIQ	123.3760, -104.8960, -37.3120

Conversions

Conversions Part 2

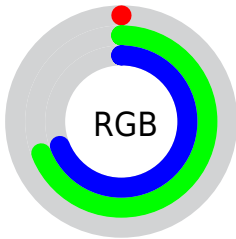
Format	Color
RYB	0, 88, 176
Decimal	45232
CIELab	65.11, -36.41, -10.71
CIELCh	65, 37.948, 196.386
Yxy	34.1853, 0.2247, 0.3287
Android (android.graphics.Color)	4278235312 (0xFF00B0B0)
YUV	123.3760, 25.9436, -108.2008
Hunter-Lab	58.4682, -30.9970, -6.1665

Details

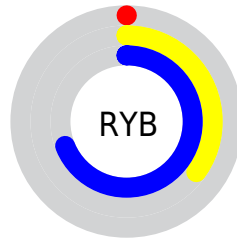
The Android color `4278235312` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4289724416`, and the grayscale version is `4286282619`.

A 20% lighter version of the original color is `4284672232`, and `4278221692` is the 20% darker color. If you saturate the color by 10%, you get `4278235312`, and if you desaturate by 10%, it is `4279414960`.

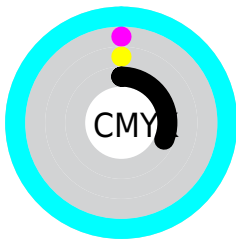
Distribution



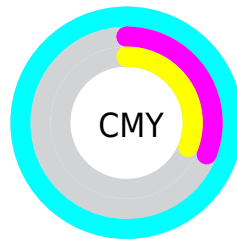
- Red (0%)
- Green (69%)
- Blue (69%)



- Red (0%)
- Yellow (35%)
- Blue (69%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (31%)



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

Brightness & Saturation Gradients

These gradients show how the Android color 4278235312 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 4278235312 by changing the saturation by 10% instead.

 4278235312

 4278235312

4294967295

 4278228373

 4284672232

 4278221692

 4286775295

 4278215011

 4288806911

 4278208843

 4290772991

 4278202676

 4292804607

 4278197023

 4294770687

 4278190086

 4278190080

 4278235312

■ 4279414960

■ 4280529072

■ 4281708720

■ 4282822832

■ 4284002480

■ 4285182128

■ 4286296240

■ 4287475888

■ 4288590000

Harmonies

Analogous

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



4283346829



4278235312



4278234574

Triad

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



4278235312



4290350797



4290877276

Complementary

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



4278235312



4289724416

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.



4292381550



4278235312



4292249007

Square

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



4278235312



4287273951



4292904077



4288782940

Rectangle

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



4278235312



4281641435



4292904077



4291466080

Sweetspot

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



4278235312



4288800486



4278235136



4283003763



4294111986



4285756275

Same Dimension

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



4278235312



4278249190



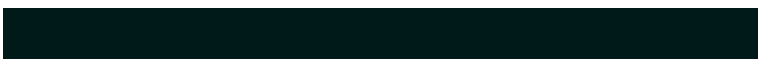
4278212784



4283455833



4278229401



4278196762

Inverse Universe

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



4289724592



4293263590



4289746944



4284043353



4288217241



4279894042

Previews

White Background



This preview shows how the Android color 4278235312 looks on a white background.

Color Contrast Check

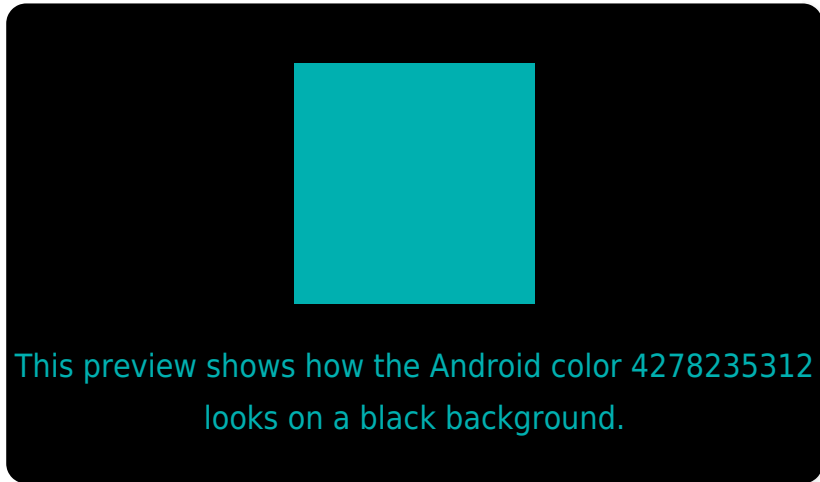
Large Text (above 18pt) WCAG AA × Fail

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

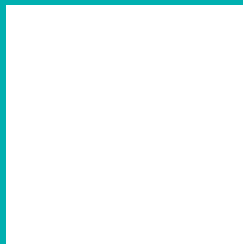
Any Text WCAG AAA ✓ Pass

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

Android 4278235312 Background



This preview shows how black text looks on a background with the Android color 4278235312.



This preview shows how white text looks on a background with the Android color 4278235312.

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
4278235312



Protanomaly
4284851112



Deuteranomaly
4284916147



Tritanomaly
4279545784

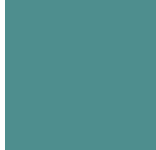
Monochromacy



Original Color
4278235312



Achromatopsia
4286282619



Achromatomaly
4283338382

CSS Examples

Text

The CSS property to change the color of the text to Android 4278235312 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, 176, 176)` looks like.

```
.text, #text, p{  
    color:rgb(0, 176, 176)  
}
```

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, 176, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 176, 176) }
```

Border

The CSS property to change the border of an element to Android 4278235312 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, 176, 176) }
```

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

```
.border{ border-color:rgb(0, 176, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 176, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 176, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 176, 176);  
box-shadow:4px 4px 4px 4px rgb(0, 176,  
176) }
```

Background

The CSS property to change the background color of an element to Android 4278235312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 176, 176) }
```

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

```
.background{ background-color: rgb(0, 176,  
176) }
```

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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