

Converting Colors

Android(4278235286)

Have a look what the booklet for
Android(4278235286) contains.

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Color

Android(4278235286)

Conversions

Conversions Part 1

Format	Color
Hex	00B096
RGB	0, 176, 150
RGB Percent	0%, 69%, 59%
CMY	1.0000, 0.3098, 0.4118
CMYK	1.00, 0.00, 0.15, 0.31
HSL	171°, 100%, 35%
HSV	171°, 100%, 69%
XYZ	21.0304, 33.2527, 34.1642
YIQ	120.4120, -96.5500, -45.3980

Conversions

Conversions Part 2

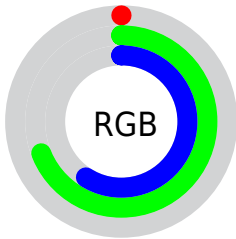
Format	Color
RYB	0, 95, 176
Decimal	45206
CIELab	64.36, -43.98, 2.66
CIElCh	64, 44.064, 176.544
Yxy	33.2527, 0.2378, 0.3760
Android (android.graphics.Color)	4278235286 (0xFF00B096)
YUV	120.4120, 14.5869, -105.6013
Hunter-Lab	57.6651, -35.8154, 5.2388

Details

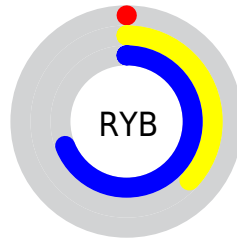
The Android color `4278235286` is a dark color, and the websafe version is hex `33CC99`. A complement of this color would be `4289724442`, and the grayscale version is `4286085240`.

A 20% lighter version of the original color is `4284475596`, and `4278221411` is the 20% darker color. If you saturate the color by 10%, you get `4278235286`, and if you desaturate by 10%, it is `4279414937`.

Distribution



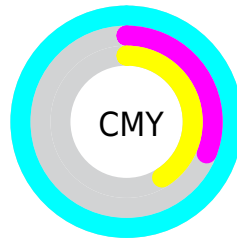
- Red (0%)
- Green (69%)
- Blue (59%)



- Red (0%)
- Yellow (37%)
- Blue (69%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (31%)



- Cyan (100%)
- Magenta (31%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278235286 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 4278235286 by changing the saturation by 10% instead.

 4278235286

 4278235286

4294967295

 4278228348

 4284475596

 4278221411

 4286578664

 4278214988

 4288544767

 4278208565

 4290510847

 4278202400

 4292476927

 4278196233


 4294508543

 4278190080

 4278235286

 4279414937

 4280529051

 4281708702

 4282822816

 4284002467

 4285182118

 4286296232

 4287475883

 4288589997

Harmonies

Analogous

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



4284591215



4278235286



4278235326

Triad

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



4278235286



4288189666



4292250203

Complementary

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



4278235286



4289724442

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.



4293295739



4278235286



4291397064

Square

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



4278235286



4283343594



4293033122



4290287692

Rectangle

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



4278235286



4278234580



4293033122



4292707941

Sweetspot

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



4278235286



4288800475



4279939072



4283003757



4294111986



4285756275

Same Dimension

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



4278235286



4278249156



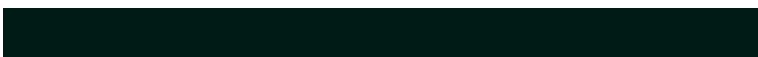
4278219440



4283455832



4278229378



4278196758

Inverse Universe

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



4289724442



4293263394



4289740288



4284043346



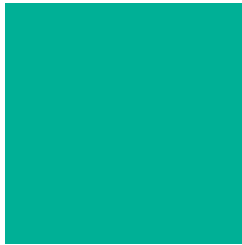
4288217111



4279894020

Previews

White Background



This preview shows how the Android color 4278235286 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 4278235286 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 4278235286 Background



This preview shows how black text looks on a background with the Android color 4278235286.

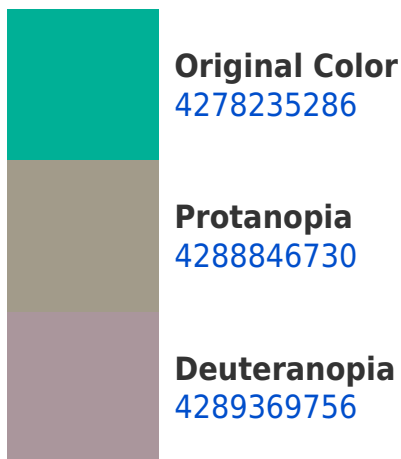


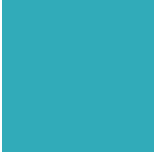
This preview shows how white text looks on a background with the Android color 4278235286.

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

4278235286



Protanomaly

4284982158



Deuteranomaly

4285308826



Tritanomaly

4280266156

Monochromacy



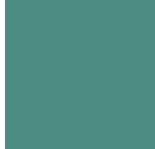
Original Color

4278235286



Achromatopsia

4286085240



Achromatomaly

4283206787

CSS Examples

Text

The CSS property to change the color of the text to Android 4278235286 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(0, 176, 150)  
}
```

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, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 176, 150) }
```

Border

The CSS property to change the border of an element to Android 4278235286 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, 150) }
```

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

```
.border{ border-color:rgb(0, 176, 150) }
```

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, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 176, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 176, 150);  
box-shadow:4px 4px 4px 4px rgb(0, 176,  
150) }
```

Background

The CSS property to change the background color of an element to Android 4278235286 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, 150) }
```

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

```
.background{ background-color: rgb(0, 176,  
150) }
```

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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