

Converting Colors

Android(4278236835)

Have a look what the booklet for
Android(4278236835) contains.

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Color

Android(4278236835)

Conversions

Conversions Part 1

Format	Color
Hex	00B6A3
RGB	0, 182, 163
RGB Percent	0%, 71%, 64%
CMY	1.0000, 0.2863, 0.3608
CMYK	1.00, 0.00, 0.10, 0.29
HSL	174°, 100%, 36%
HSV	174°, 100%, 71%
XYZ	23.3388, 36.1002, 40.3883
YIQ	125.4160, -102.3730, -44.4930

Conversions

Conversions Part 2

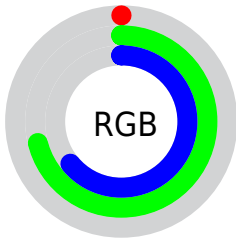
Format	Color
RYB	0, 96, 182
Decimal	46755
CIELab	66.60, -42.92, -1.29
CIELCh	67, 42.938, 181.727
Yxy	36.1002, 0.2338, 0.3616
Android (android.graphics.Color)	4278236835 (0xFF00B6A3)
YUV	125.4160, 18.5289, -109.9898
Hunter-Lab	60.0835, -35.8096, 2.2035

Details

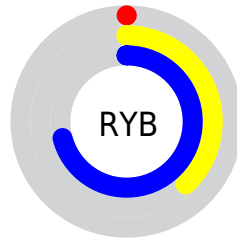
The Android color **4278236835** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **4290117651**, and the grayscale version is **4286414205**.

A 20% lighter version of the original color is **4284674010**, and **4278222959** is the 20% darker color. If you saturate the color by 10%, you get **4278236835**, and if you desaturate by 10%, it is **4279416485**.

Distribution



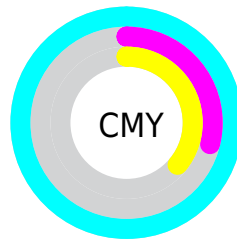
- Red (0%)
- Green (71%)
- Blue (64%)



- Red (0%)
- Yellow (38%)
- Blue (71%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (29%)



- Cyan (100%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278236835 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 4278236835 by changing the saturation by 10% instead.



4278236835



4278236835

4294967295



4278229897



4284674010



4278222959



4286775286



4278216279



4288741375



4278209856



4290772991



4278203690



4292739071



4278198038



4294770687



4278190080




4278236835



4279416485

 4280596135

 4281841321

 4283020971

 4284200621

 4285380270

 4286559920

 4287805106

 4288984756

Harmonies

Analogous

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



4284461948



4278236835



4278236617

Triad

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



4278236835



4289239012



4292318047

Complementary

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



4278236835



4290117651

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.



4293494651



4278236835



4292118983

Square

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



4278236835



4285048303



4293559201



4290289747

Rectangle

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



4278236835



4278235870



4293559201



4292841063

Sweetspot

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



4278236835



4289129958



4279612928



4283267187



4294440951



4286085240

Same Dimension

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



4278236835



4278250964



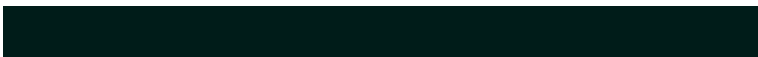
4278218934



4283653211



4278230155



4278197273

Inverse Universe

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



4290117651



4293722137



4290135552



4284240724



4288413712



4280025091

Previews

White Background



This preview shows how the Android color 4278236835 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 4278236835 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

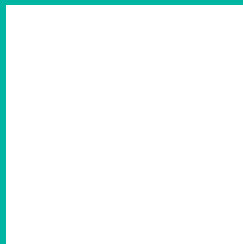
Any Text WCAG AAA ✓ Pass

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

Android 4278236835 Background



This preview shows how black text looks on a background with the Android color 4278236835.

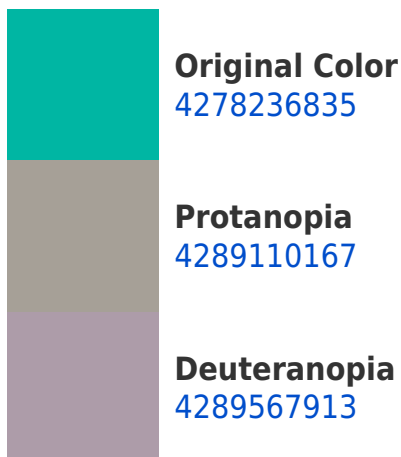


This preview shows how white text looks on a background with the Android color 4278236835.

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

4278236835



Protanomaly

4285180059



Deuteranomaly

4285441447



Tritanomaly

4280202165

Monochromacy



Original Color

4278236835



Achromatopsia

4286414205



Achromatomaly

4283470475

CSS Examples

Text

The CSS property to change the color of the text to Android 4278236835 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, 182, 163)` looks like.

```
.text, #text, p{  
    color:rgb(0, 182, 163)  
}
```

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, 182, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 182, 163) }
```

Border

The CSS property to change the border of an element to Android 4278236835 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, 182, 163) }
```

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

```
.border{ border-color:rgb(0, 182, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 182, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 182, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 182, 163);  
box-shadow:4px 4px 4px 4px rgb(0, 182,  
163) }
```

Background

The CSS property to change the background color of an element to Android 4278236835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 182, 163) }
```

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

```
.background{ background-color: rgb(0, 182,  
163) }
```

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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