

Converting Colors

Android(4278303917)

Have a look what the booklet for
Android(4278303917) contains.

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Color

Android(4278303917)

Conversions

Conversions Part 1

Format	Color
Hex	01BCAD
RGB	1, 188, 173
RGB Percent	0%, 74%, 68%
CMY	0.9961, 0.2627, 0.3216
CMYK	0.99, 0.00, 0.08, 0.26
HSL	175°, 99%, 37%
HSV	175°, 99%, 74%
XYZ	25.5386, 38.9900, 45.7150
YIQ	130.3770, -106.6370, -44.3090

Conversions

Conversions Part 2

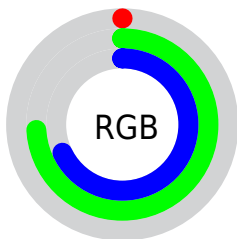
Format	Color
RYB	1, 98, 188
Decimal	113837
CIELab	68.74, -42.63, -3.65
CIELCh	69, 42.789, 184.893
Yxy	38.9900, 0.2317, 0.3537
Android (android.graphics.Color)	4278303917 (0xFF01BCAD)
YUV	130.3770, 21.0131, -113.4636
Hunter-Lab	62.4420, -36.2676, 0.3021

Details

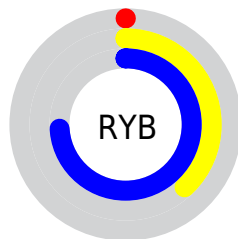
The Android color `4278303917` is a dark color, and the websafe version is hex `00CCCC`. A complement of this color would be `4290511120`, and the grayscale version is `4286743170`.

A 20% lighter version of the original color is `4284806628`, and `4278224505` is the 20% darker color. If you saturate the color by 10%, you get `4278238381`, and if you desaturate by 10%, it is `4279549103`.

Distribution



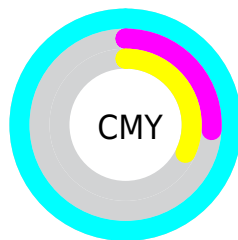
- Red (0%)
- Green (74%)
- Blue (68%)



- Red (0%)
- Yellow (38%)
- Blue (74%)



- Cyan (99%)
- Magenta (0%)
- Yellow (8%)
- Black (26%)



- Cyan (100%)
- Magenta (26%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278303917 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 4278303917 by changing the saturation by 10% instead.



4278303917



4278303917

4294967295



4278231442



4284806628



4278224505



4286906367



4278217824



4288937983



4278211400



4290969599



4278204978



4293001215



4278199581



4278190084



4278190080



4278303917



4278303917

■ 4278238381

■ 4279549103

■ 4280794288

■ 4281973938

■ 4283219123

■ 4284464309

■ 4285709494

■ 4286954680

■ 4288134329

■ 4289379515

Harmonies

Analogous

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



4284529030



4278303917



4278238163

Triad

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



4278303917



4290026471



4292581986

Complementary

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



4278303917



4290511120

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.



4293889661



4278303917



4292710089

Square

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



4278303917



4285967093



4294019235



4290422873

Rectangle

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



4278303917



4278237158



4294019235



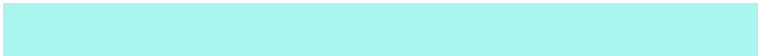
4293105002

Sweetspot

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



4278303917



4289459695



4279352321



4283333239



4294638330



4286216826

Same Dimension

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



4278303917



4278253025



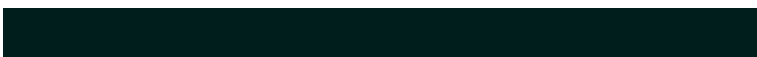
4278283964



4283784798



4278230673



4278198044

Inverse Universe

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



4290511120



4294246420



4290531073



4284372310



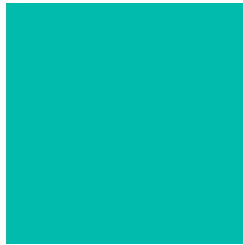
4288544781



4280221698

Previews

White Background



This preview shows how the Android color 4278303917 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 4278303917 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

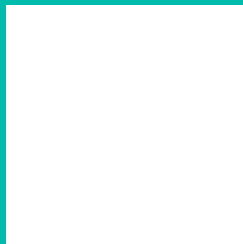
Any Text WCAG AAA ✓ Pass

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

Android 4278303917 Background



This preview shows how black text looks on a background with the Android color 4278303917.

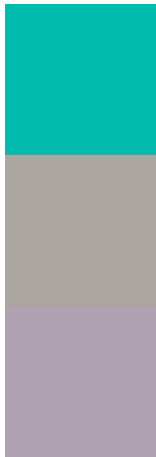


This preview shows how white text looks on a background with the Android color 4278303917.

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
4278303917

Protanopia
4289439392

Deuteranopia
4289831603

Trichromacy



Original Color
4278303917



Protanomaly
4285378213



Deuteranomaly
4285639601



Tritanomaly
4280203710

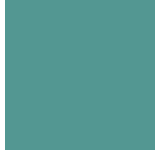
Monochromacy



Original Color
4278303917



Achromatopsia
4286743170



Achromatomaly
4283668370

CSS Examples

Text

The CSS property to change the color of the text to Android 4278303917 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(1, 188, 173)` looks like.

```
.text, #text, p{  
    color:rgb(1, 188, 173)  
}
```

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(1, 188, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 188, 173) }
```

Border

The CSS property to change the border of an element to Android 4278303917 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(1, 188, 173) }
```

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

```
.border{ border-color:rgb(1, 188, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 188, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 188, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 188, 173);  
box-shadow:4px 4px 4px 4px rgb(1, 188,  
173) }
```

Background

The CSS property to change the background color of an element to Android 4278303917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 188, 173) }
```

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

```
.background{ background-color: rgb(1, 188,  
173) }
```

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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