

Converting Colors

Android(4278228380)

Have a look what the booklet for
Android(4278228380) contains.

Android(4278228380)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278228380)

Conversions

Conversions Part 1

Format	Color
Hex	00959C
RGB	0, 149, 156
RGB Percent	0%, 58%, 61%
CMY	1.0000, 0.4157, 0.3882
CMYK	1.00, 0.04, 0.00, 0.39
HSL	183°, 100%, 31%
HSV	183°, 100%, 61%
XYZ	16.7482, 23.8952, 35.1820
YIQ	105.2470, -91.0510, -29.4110

Conversions

Conversions Part 2

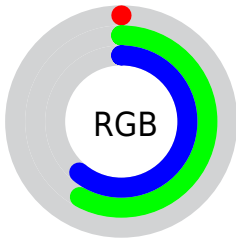
Format	Color
RYB	0, 76, 156
Decimal	38300
CIELab	55.98, -29.96, -13.13
CIELCh	56, 32.707, 203.673
Yxy	23.8952, 0.2209, 0.3151
Android (android.graphics.Color)	4278228380 (0xFF00959C)
YUV	105.2470, 25.0212, -92.3016
Hunter-Lab	48.8827, -24.3871, -8.4545

Details

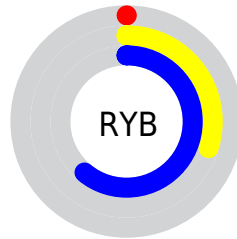
The Android color `4278228380` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4288415488`, and the grayscale version is `4285098345`.

A 20% lighter version of the original color is `4284140754`, and `4278215273` is the 20% darker color. If you saturate the color by 10%, you get `4278228380`, and if you desaturate by 10%, it is `4279277212`.

Distribution



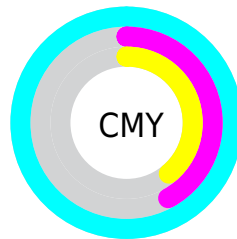
- Red (0%)
- Green (58%)
- Blue (61%)



- Red (0%)
- Yellow (30%)
- Blue (61%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (39%)



- Cyan (100%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278228380 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 4278228380 by changing the saturation by 10% instead.

 4278228380

 4278228380

4294967295

 4278221698

 4284140754

 4278215273

 4286179567

 4278208849

 4288151551

 4278202938

 4290052095

 4278197796

 4292018175

 4278190351

 4293984255

 4278190080

 4278228380

 4279277212

 4280260252

 4281309084

 4282292380

 4283341212

 4284389788

 4285373084

 4286421916

 4287404956

Harmonies

Analogous

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



4282029439



4278228380



4279669427

Triad

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



4278228380



4288968616



4288578125

Complementary

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



4278228380



4288415488

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.



4289952089



4278228380



4290343053

Square

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



4278228380



4286677434



4290605425



4286745425

Rectangle

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



4278228380



4282355132



4290605425



4289101648

Sweetspot

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



4278228380



4287613388



4278230021



4282475622



4293322470



4284900966

Same Dimension

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



4278228380



4278240204



4278208924



4282863439



4278225039



4278193935

Inverse Universe

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



4288413845



4291559619



4288434944



4283385679



4287561864



4279173135

Previews

White Background



This preview shows how the Android color 4278228380 looks on a white background.

Color Contrast Check

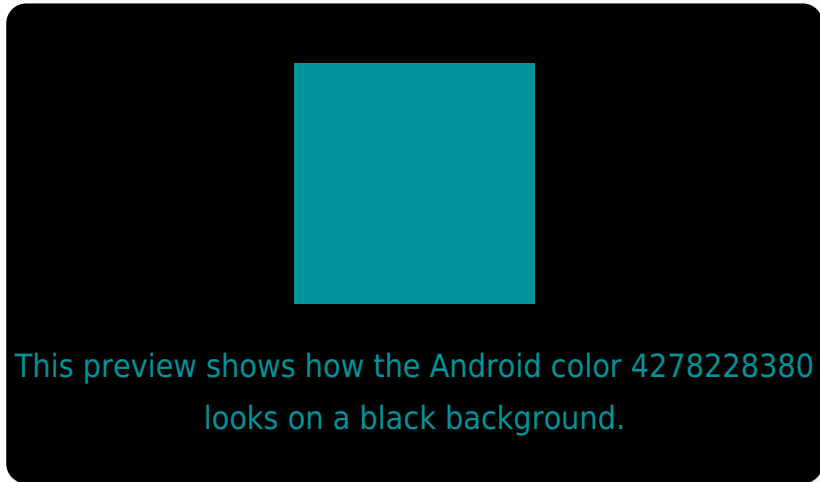
Large Text (above 18pt) WCAG AA ✓ Pass

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

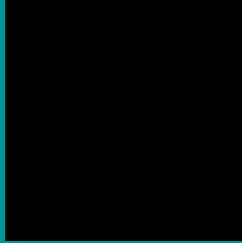
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Android 4278228380 Background



This preview shows how black text looks on a background with the Android color 4278228380.

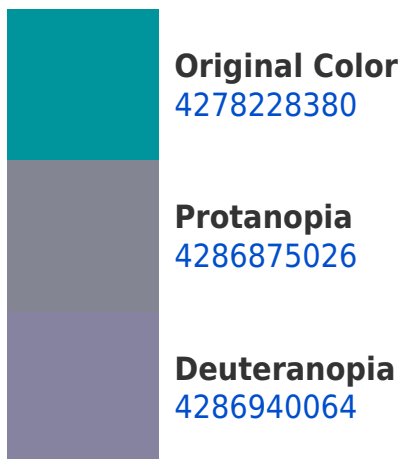


This preview shows how white text looks on a background with the Android color 4278228380.

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
4278228380

Protanomaly
4283730838

Deuteranomaly
4283796127

Tritanomaly
4278949023

Monochromacy



Original Color
4278228380

Achromatopsia
4285098345

Achromatomaly
4282612092

CSS Examples

Text

The CSS property to change the color of the text to Android 4278228380 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, 149, 156)` looks like.

```
.text, #text, p{  
    color:rgb(0, 149, 156)  
}
```

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, 149, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 149, 156) }
```

Border

The CSS property to change the border of an element to Android 4278228380 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, 149, 156) }
```

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

```
.border{ border-color:rgb(0, 149, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 149, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 149, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 149, 156);  
box-shadow:4px 4px 4px 4px rgb(0, 149,  
156) }
```

Background

The CSS property to change the background color of an element to Android 4278228380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 149, 156) }
```

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

```
.background{ background-color: rgb(0, 149,  
156) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor