

Converting Colors

Android(4278883476)

Have a look what the booklet for
Android(4278883476) contains.

Android(4278883476)	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(4278883476)

Conversions

Conversions Part 1

Format	Color
Hex	0A9494
RGB	10, 148, 148
RGB Percent	4%, 58%, 58%
CMY	0.9608, 0.4196, 0.4196
CMYK	0.93, 0.00, 0.00, 0.42
HSL	180°, 87%, 31%
HSV	180°, 93%, 58%
XYZ	16.0604, 23.3825, 31.6838
YIQ	106.7380, -82.2480, -29.2560

Conversions

Conversions Part 2

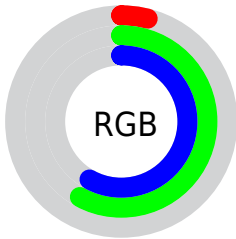
Format	Color
RYB	10, 79, 148
Decimal	693396
CIELab	55.46, -31.61, -9.32
CIELCh	55, 32.956, 196.425
Yxy	23.3825, 0.2258, 0.3287
Android (android.graphics.Color)	4278883476 (0xFF0A9494)
YUV	106.7380, 20.3422, -84.8392
Hunter-Lab	48.3554, -25.3364, -4.9996

Details

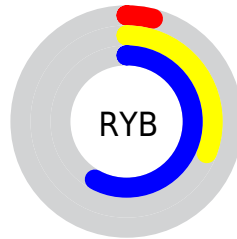
The Android color `4278883476` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4287891978`, and the grayscale version is `4285229931`.

A 20% lighter version of the original color is `4284206026`, and `4278215009` is the 20% darker color. If you saturate the color by 10%, you get `4278228116`, and if you desaturate by 10%, it is `4279866516`.

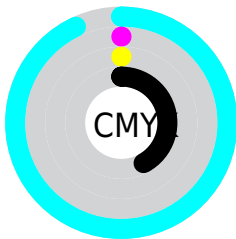
Distribution



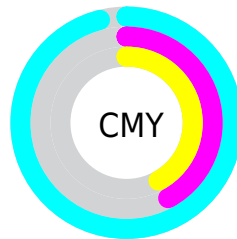
- Red (4%)
- Green (58%)
- Blue (58%)



- Red (4%)
- Yellow (31%)
- Blue (58%)



- Cyan (93%)
- Magenta (0%)
- Yellow (0%)
- Black (42%)



- Cyan (96%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278883476 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 4278883476 by changing the saturation by 10% instead.



4278883476



4278883476

4294967295



4278221434



4284206026



4278215009



4286179302



4278208586



4288151551



4278202675



4290052095



4278197278



4292018175



4278190084



4293984255



4278190080



4278883476



4278883476



4278228116



4279866516

 4280849556

 4281767060

 4282750100

 4283733140

 4284716180

 4285699220

 4286616724

 4287599764

Harmonies

Analogous

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



4282553206



4278883476



4278227629

Triad

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



4278883476



4288444588



4288905037

Complementary

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



4278883476



4287891978

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.



4290147677



4278883476



4290015379

Square

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



4278883476



4285891259



4290539382



4287137869

Rectangle

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



4278883476



4281241273



4290539382



4289362769

Sweetspot

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



4278883476



4287283135



4278883338



4282409313



4292927712



4284572001

Same Dimension

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



4278883476



4278239167



4278865812



4282600010



4278225546



4278192650

Inverse Universe

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



4287892116



4290707647



4287909642



4283056970



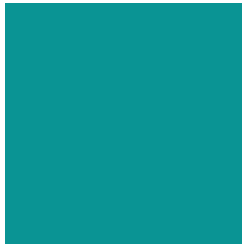
4287234186



4278845450

Previews

White Background



This preview shows how the Android color 4278883476 looks on a white background.

Color Contrast Check

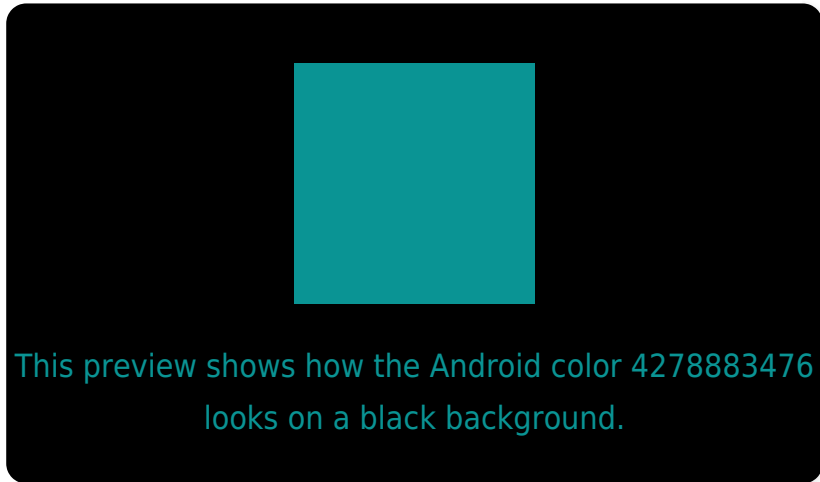
Large Text (above 18pt) WCAG AA ✓ Pass

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

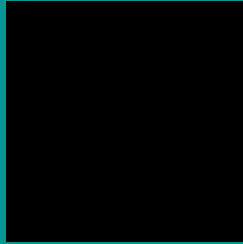
Any Text WCAG AA ✓ Pass

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 4278883476 Background



This preview shows how black text looks on a background with the Android color 4278883476.

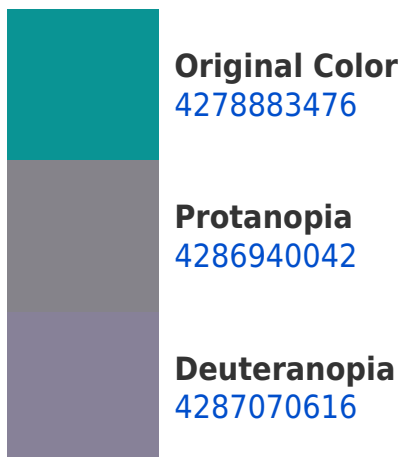


This preview shows how white text looks on a background with the Android color 4278883476.

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

4278883476



Protanomaly

4283992462



Deuteranomaly

4284123287



Tritanomaly

4279604122

Monochromacy



Original Color

4278883476



Achromatopsia

4285229931



Achromatomaly

4282940026

CSS Examples

Text

The CSS property to change the color of the text to Android 4278883476 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(10, 148, 148)` looks like.

```
.text, #text, p{  
    color:rgb(10, 148, 148)  
}
```

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(10, 148, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 148, 148) }
```

Border

The CSS property to change the border of an element to Android 4278883476 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(10, 148, 148) }
```

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

```
.border{ border-color:rgb(10, 148, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 148, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 148, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 148, 148);  
box-shadow:4px 4px 4px 4px rgb(10, 148,  
148) }
```

Background

The CSS property to change the background color of an element to Android 4278883476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 148, 148) }
```

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

```
.background{ background-color: rgb(10, 148,  
148) }
```

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