

Converting Colors

Android(4278949748)

Have a look what the booklet for
Android(4278949748) contains.

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Color

Android(4278949748)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 0B9774 |
| RGB | 11, 151, 116 |
| RGB Percent | 4%, 59%, 45% |
| CMY | 0.9569, 0.4078, 0.5451 |
| CMYK | 0.93, 0.00, 0.23, 0.41 |
| HSL | 165°, 86%, 32% |
| HSV | 165°, 93%, 59% |
| XYZ | 14.3570, 23.4653, 20.2956 |
| YIQ | 105.1500, -72.2050, -40.5650 |

Conversions

Conversions Part 2

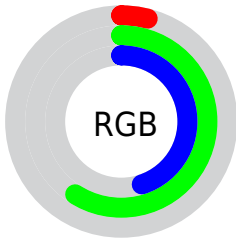
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 11, 91, 151 |
| Decimal | 759668 |
| CIELab | 55.55, -42.11, 9.11 |
| CIElCh | 56, 43.089, 167.791 |
| Yxy | 23.4653, 0.2470, 0.4038 |
| Android (android.graphics.Color) | 4278949748 (0xFF0B9774) |
| YUV | 105.1500, 5.3490, -82.5696 |
| Hunter-Lab | 48.4410, -31.8677, 9.0677 |

Details

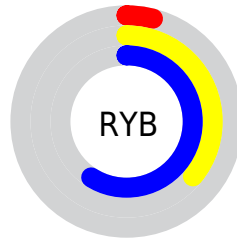
The Android color `4278949748` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4288088878`, and the grayscale version is `4285098345`.

A 20% lighter version of the original color is `4284075688`, and `4278215492` is the 20% darker color. If you saturate the color by 10%, you get `4278228849`, and if you desaturate by 10%, it is `4279932792`.

Distribution



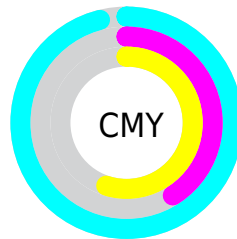
- Red (4%)
- Green (59%)
- Blue (45%)



- Red (4%)
- Yellow (36%)
- Blue (59%)



- Cyan (93%)
- Magenta (0%)
- Yellow (23%)
- Black (41%)



- Cyan (96%)
- Magenta (41%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278949748 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 4278949748 by changing the saturation by 10% instead.

 4278949748

 4278949748

4294967295

 4278222171

 4284075688

 4278215492

 4286049219


 4278209070

 4287954911

 4278202905

 4289855484

 4278197248

 4291821567

 4278190080

 4293722111

 4278949748

 4278949748

 4278228849

 4279932792

 4280915836

 4281898879

 4282881923

 4283864967

 4284913547

 4285896590

 4286879634

 4287862678

Harmonies

Analogous

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



4284125777



4278949748



4278229147

Triad

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



4278949748



4285432268



4290867279

Complementary

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



4278949748



4288088878

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.



4291520112



4278949748



4288967352

Square

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



4278949748



4278226382



4290996118



4289232442

Rectangle

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



4278949748



4278228658



4290996118



4291193945

Sweetspot

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



4278949748



4287481015



4281243403



4282540891



4293125091



4284703587

Same Dimension

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



4278949748



4278240403



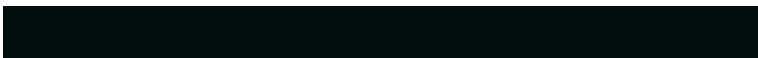
4278940823



4282731851



4278226025



4278193418

Inverse Universe

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



4288088878



4291035185



4288097803



4283254087



4287365155



4279042051

Previews

White Background



This preview shows how the Android color 4278949748 looks on a white background.

Color Contrast Check

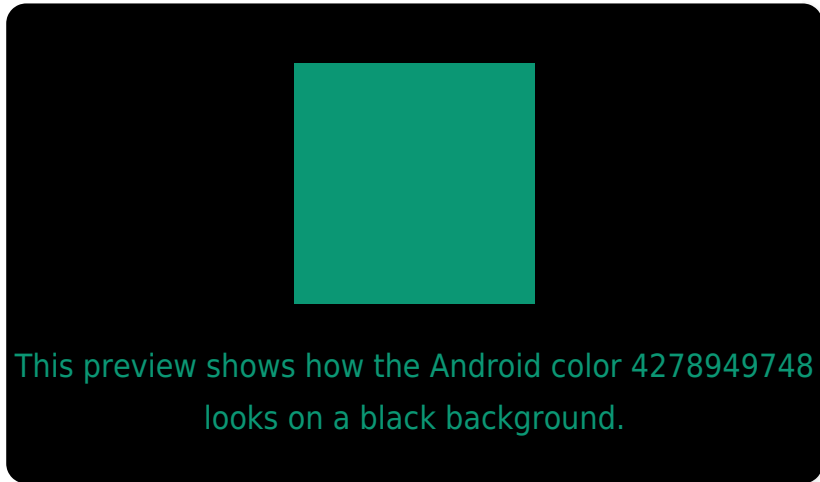
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278949748 Background



This preview shows how black text looks on a background with the Android color 4278949748.

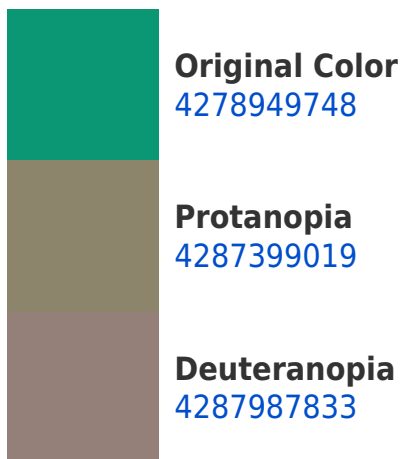


This preview shows how white text looks on a background with the Android color 4278949748.

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

4278949748



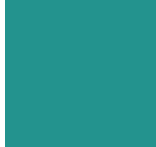
Protanomaly

4284320622



Deuteranomaly

4284713079



Tritanomaly

4280521614

Monochromacy



Original Color

4278949748



Achromatopsia

4285098345



Achromatomaly

4282874477

CSS Examples

Text

The CSS property to change the color of the text to Android 4278949748 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(11, 151, 116)` looks like.

```
.text, #text, p{  
    color:rgb(11, 151, 116)  
}
```

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(11, 151, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 151, 116) }
```

Border

The CSS property to change the border of an element to Android 4278949748 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(11, 151, 116) }
```

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

```
.border{ border-color:rgb(11, 151, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 151, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 151, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 151, 116);  
box-shadow:4px 4px 4px 4px rgb(11, 151,  
116) }
```

Background

The CSS property to change the background color of an element to Android 4278949748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 151, 116) }
```

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

```
.background{ background-color: rgb(11, 151,  
116) }
```

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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