

# Converting Colors

Android(4278359946)

Have a look what the booklet for  
Android(4278359946) contains.

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# Color

**Android(4278359946)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 02978A                       |
| RGB         | 2, 151, 138                  |
| RGB Percent | 1%, 59%, 54%                 |
| CMY         | 0.9922, 0.4078, 0.4588       |
| CMYK        | 0.99, 0.00, 0.09, 0.41       |
| HSL         | 175°, 97%, 30%               |
| HSV         | 175°, 99%, 59%               |
| XYZ         | 15.6791, 23.9811, 27.8472    |
| YIQ         | 104.9670, -84.6310, -35.6310 |

# Conversions

## Conversions Part 2

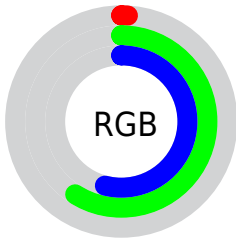
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 2, 80, 151                     |
| Decimal                             | 169866                         |
| CIE <sub>Lab</sub>                  | 56.07, -36.42, -2.69           |
| CIE <sub>LCh</sub>                  | 56, 36.522, 184.231            |
| Yxy                                 | 23.9811, 0.2323,<br>0.3552     |
| Android<br>(android.graphics.Color) | 4278359946<br>(0xFF02978A)     |
| YUV                                 | 104.9670, 16.2853,<br>-90.3021 |
| Hunter-Lab                          | 48.9705, -28.5473,<br>0.5639   |

# Details

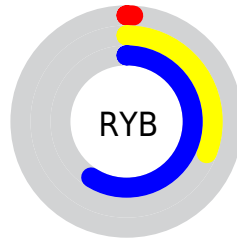
The Android color `4278359946` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4288086543`, and the grayscale version is `4285098345`.

A 20% lighter version of the original color is `4284075711`, and `4278215512` is the 20% darker color. If you saturate the color by 10%, you get `4278228874`, and if you desaturate by 10%, it is `4279342987`.

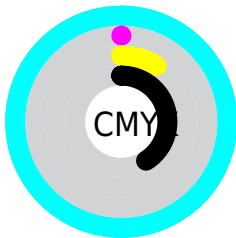
# Distribution



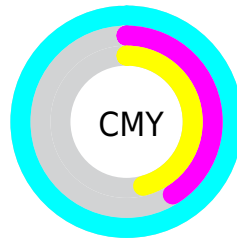
- Red (1%)
- Green (59%)
- Blue (54%)



- Red (1%)
- Yellow (31%)
- Blue (59%)



- Cyan (99%)
- Magenta (0%)
- Yellow (9%)
- Black (41%)



- Cyan (99%)
- Magenta (41%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278359946 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 4278359946 by changing the saturation by 10% instead.





4278359946



4278359946

4294967295



4278222193



4284075711



4278215512



4286048987



4278209345



4288020472



4278203179



4289921023



4278197783



4291887103



4278190080



4293853183



4278359946



4278359946



4278228874



4279342987

 4280326029

 4281309070

 4282292111

 4283275153

 4284323730

 4285306771

 4286289813

 4287272854

# Harmonies

## Analogous

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



4283209066



4278359946



4278228649

# Triad

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



4278359946



4287593659



4289821518

# Complementary

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



4278359946



4288086543

# 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.



4290867556



4278359946



4289884835

# Square

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



4278359946



4284254405



4290932099



4288054854

# Rectangle

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



4278359946



4278227897



4290932099



4290213716



# Sweetspot

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



4278359946



4287218879



4279342850



4282409824



4293125091



4284703587



# Same Dimension

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



4278359946



4278240435



4278344599



4282731852



4278226048



4278193420



# Inverse Universe

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



4288086543



4291035153



4288101890



4283254086



4287365132



4279042049



# Previews

## White Background



This preview shows how the Android color 4278359946 looks on a white background.

## Color Contrast Check

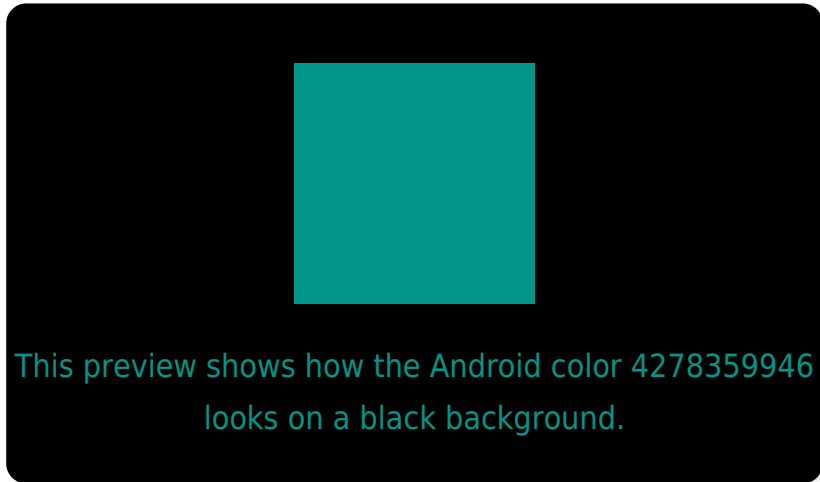
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278359946 Background



This preview shows how black text looks on a background with the Android color 4278359946.

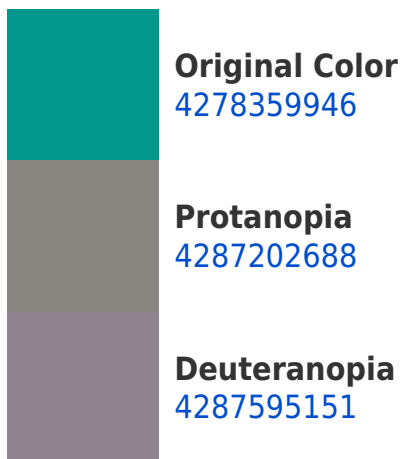


This preview shows how white text looks on a background with the Android color 4278359946.

# 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**

4278359946



**Protanomaly**

4283993220



**Deuteranomaly**

4284254861



**Tritanomaly**

4279801240

# Monochromacy



**Original Color**

4278359946



**Achromatopsia**

4285098345



**Achromatomaly**

4282677877

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278359946 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(2, 151, 138)` looks like.

```
.text, #text, p{  
    color:rgb(2, 151, 138)  
}
```

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(2, 151, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 151, 138) }
```

## Border

The CSS property to change the border of an element to Android 4278359946 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(2, 151, 138) }
```

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

```
.border{ border-color:rgb(2, 151, 138) }
```

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

Here you see how a box with a 4 pixel rgb(2, 151, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 151, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 151, 138);  
box-shadow:4px 4px 4px 4px rgb(2, 151,  
138) }
```

# Background

The CSS property to change the background color of an element to Android 4278359946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 151, 138) }
```

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

```
.background{ background-color: rgb(2, 151,  
138) }
```

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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