

# Converting Colors

Android(4278686872)

Have a look what the booklet for  
Android(4278686872) contains.

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# Color

**Android(4278686872)**

# Conversions

## Conversions Part 1

Format	Color
Hex	079498
RGB	7, 148, 152
RGB Percent	3%, 58%, 60%
CMY	0.9725, 0.4196, 0.4039
CMYK	0.95, 0.03, 0.00, 0.40
HSL	182°, 91%, 31%
HSV	182°, 95%, 60%
XYZ	16.3450, 23.4920, 33.3787
YIQ	106.2970, -85.3200, -28.6480

# Conversions

## Conversions Part 2

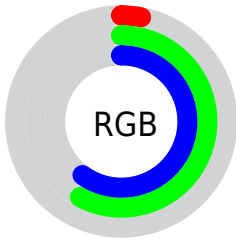
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 78, 152
Decimal	496792
CIELab	55.58, -30.47, -11.45
CIELCh	56, 32.548, 200.595
Yxy	23.4920, 0.2232, 0.3209
Android (android.graphics.Color)	4278686872 (0xFF079498)
YUV	106.2970, 22.5316, -87.0835
Hunter-Lab	48.4685, -24.6244, -6.9031

# Details

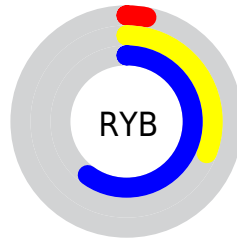
The Android color `4278686872` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4288154375`, and the grayscale version is `4285164138`.

A 20% lighter version of the original color is `4284206030`, and `4278215013` is the 20% darker color. If you saturate the color by 10%, you get `4278228120`, and if you desaturate by 10%, it is `4279669912`.

# Distribution



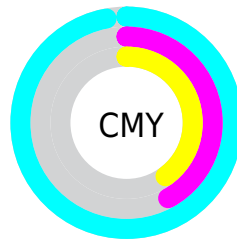
- Red (3%)
- Green (58%)
- Blue (60%)



- Red (3%)
- Yellow (31%)
- Blue (60%)



- Cyan (95%)
- Magenta (3%)
- Yellow (0%)
- Black (40%)



- Cyan (97%)
- Magenta (42%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278686872 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 4278686872 by changing the saturation by 10% instead.





4278686872



4278686872

4294967295



4278221438



4284206030



4278215013



4286179306



4278208589



4288151551



4278202678



4290117631



4278197537



4292018175



4278190089



4293984255



4278190080



4278686872



4278686872



4278228120



4279669912

■ 4280653208

■ 4281701784

■ 4282685080

■ 4283668120

■ 4284651416

■ 4285634456

■ 4286683032

■ 4287666328

# Harmonies

## Analogous

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



4282291323



4278686872



4279079344

# Triad

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



4278686872



4288706473



4288643149

# Complementary

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



4278686872



4288154375

# 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.



4289951579



4278686872



4290146447

# Square

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



4278686872



4286284218



4290539635



4286875983

# Rectangle

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



4278686872



4281961914



4290539635



4289166672



# Sweetspot

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



4278686872



4287349700



4278687753



4282475107



4293125091



4284703587



# Same Dimension

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



4278686872



4278239172



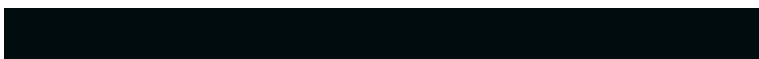
4278668696



4282731597



4278225036



4278193165



# Inverse Universe

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



4288153492



4291035327



4288172551



4283254092



4287365256



4279042060



# Previews

## White Background



This preview shows how the Android color 4278686872 looks on a white background.

## Color Contrast Check

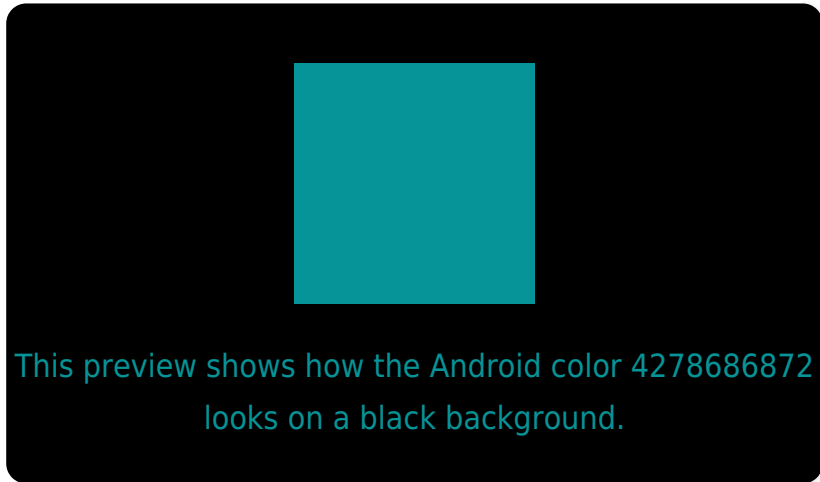
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278686872 Background



This preview shows how black text looks on a background with the Android color 4278686872.

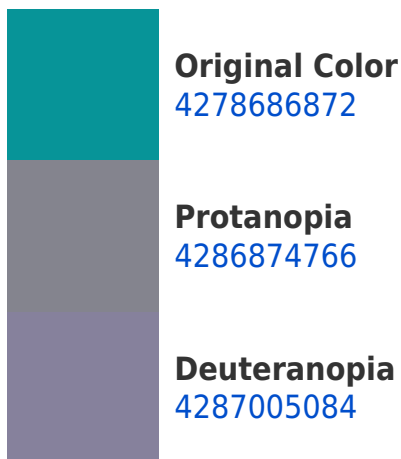


This preview shows how white text looks on a background with the Android color 4278686872.

# 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



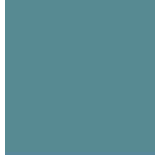


# Trichromacy



**Original Color**

4278686872



**Protanomaly**

4283927186



**Deuteranomaly**

4283992219



**Tritanomaly**

4279341980

# Monochromacy



**Original Color**

4278686872



**Achromatopsia**

4285164138



**Achromatomaly**

4282808699

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278686872 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(7, 148, 152)` looks like.

```
.text, #text, p{  
    color:rgb(7, 148, 152)  
}
```

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(7, 148, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 148, 152) }
```

## Border

The CSS property to change the border of an element to Android 4278686872 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(7, 148, 152) }
```

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

```
.border{ border-color:rgb(7, 148, 152) }
```

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

Here you see how a box with a 4 pixel rgb(7, 148, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 148, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 148, 152);  
box-shadow:4px 4px 4px 4px rgb(7, 148,  
152) }
```

# Background

The CSS property to change the background color of an element to Android 4278686872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 148, 152) }
```

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

```
.background{ background-color: rgb(7, 148,  
152) }
```

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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