

# Converting Colors

Android(4278222974)

Have a look what the booklet for  
Android(4278222974) contains.

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# Color

**Android(4278222974)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00807E
RGB	0, 128, 126
RGB Percent	0%, 50%, 49%
CMY	1.0000, 0.4980, 0.5059
CMYK	1.00, 0.00, 0.02, 0.50
HSL	179°, 100%, 25%
HSV	179°, 100%, 50%
XYZ	11.4851, 16.9447, 22.4040
YIQ	89.5000, -75.6460, -27.7580

# Conversions

## Conversions Part 2

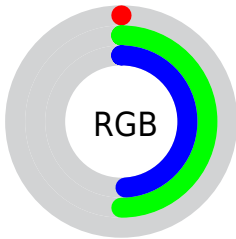
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 65, 128
Decimal	32894
CIELab	48.19, -29.49, -7.40
CIELCh	48, 30.404, 194.087
Yxy	16.9447, 0.2259, 0.3333
Android (android.graphics.Color)	4278222974 (0xFF00807E)
YUV	89.5000, 17.9945, -78.4915
Hunter-Lab	41.1639, -22.2340, -3.4546

# Details

The Android color `4278222974` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4286578690`, and the grayscale version is `4284045657`.

A 20% lighter version of the original color is `4283610547`, and `4278210125` is the 20% darker color. If you saturate the color by 10%, you get `4278222974`, and if you desaturate by 10%, it is `4279074942`.

# Distribution



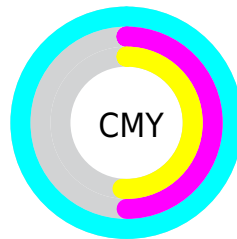
- Red (0%)
- Green (50%)
- Blue (49%)



- Red (0%)
- Yellow (25%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278222974 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 4278222974 by changing the saturation by 10% instead.



 4278222974

 4278222974

4294967295

 4278216549

 4283610547

 4278210125

 4285518286

 4278204214

 4287426282

 4278198817

 4289331199

 4278190090

 4291231743

 4278190080


 4293197823

 4278222974

 4279074942

 4279926910

 4280713343

 4281565311

 4282417279

 4283269247

 4284121215

 4284907648

 4285759616

# Harmonies

## Analogous

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



4281892707



4278222974



4278222485

# Triad

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



4278222974



4286867351



4287589441

# Complementary

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



4278222974



4286578690

# 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.



4288635728



4278222974



4288438401

# Square

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



4278222974



4284510628



4288962151



4286018880

# Rectangle

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



4278222974



4280056736



4288962151



4287981893



# Sweetspot

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



4278222974



4285834917



4278353920



4281750612



4292138196



4283716692



# Same Dimension

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



4278222974



4278232739



4278207104



4281942080



4278190080

# Inverse Universe

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



4286578690



4289069059



4286594560



4282399033



4278190080

# Previews

## White Background



This preview shows how the Android color 4278222974 looks on a white background.

## Color Contrast Check

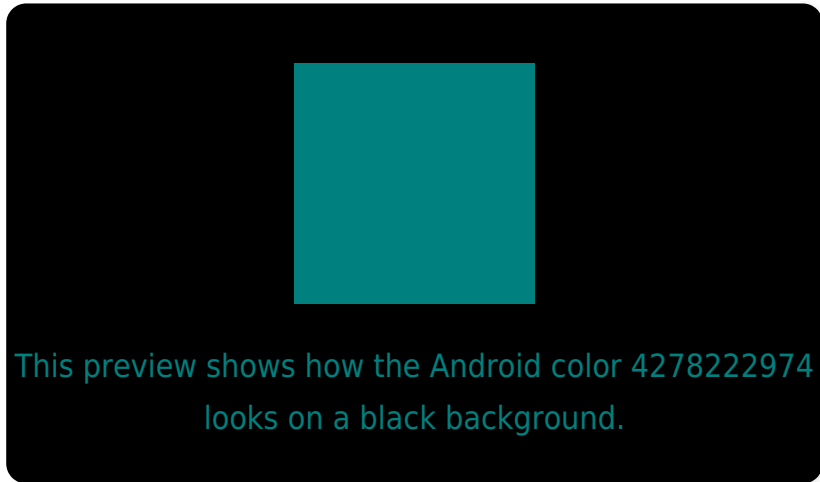
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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

# Android 4278222974 Background



This preview shows how black text looks on a background with the Android color 4278222974.

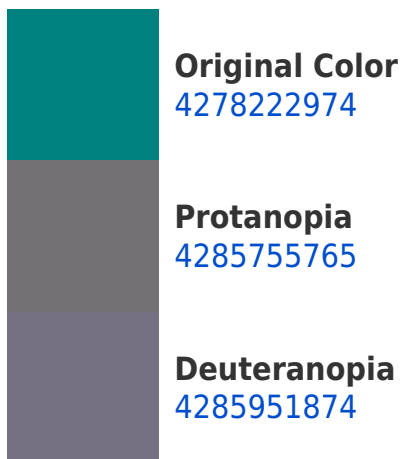


This preview shows how white text looks on a background with the Android color 4278222974.

# 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



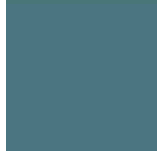
**Original Color**

4278222974



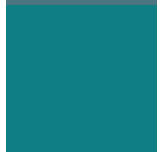
**Protanomaly**

4283004536



**Deuteranomaly**

4283135361



**Tritanomaly**

4279271301

# Monochromacy



**Original Color**

4278222974



**Achromatopsia**

4284111450



**Achromatomaly**

4281952359

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278222974 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, 128, 126)` looks like.

```
.text, #text, p{  
    color:rgb(0, 128, 126)  
}
```

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, 128, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 128, 126) }
```

## Border

The CSS property to change the border of an element to Android 4278222974 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, 128, 126) }
```

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

```
.border{ border-color:rgb(0, 128, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 128, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 128, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 128, 126);  
box-shadow:4px 4px 4px 4px rgb(0, 128,  
126) }
```

# Background

The CSS property to change the background color of an element to Android 4278222974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 128, 126) }
```

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

```
.background{ background-color: rgb(0, 128,  
126) }
```

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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