

# Converting Colors

Android(4278417807)

Have a look what the booklet for  
Android(4278417807) contains.

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# Color

**Android(4278417807)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	03798F
RGB	3, 121, 143
RGB Percent	1%, 47%, 56%
CMY	0.9882, 0.5255, 0.4392
CMYK	0.98, 0.15, 0.00, 0.44
HSL	189°, 96%, 29%
HSV	189°, 98%, 56%
XYZ	11.8329, 15.6773, 28.3890
YIQ	88.2260, -77.3900, -18.1740

# Conversions

## Conversions Part 2

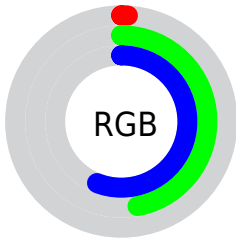
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 67, 143
Decimal	227727
CIELab	46.55, -19.94, -19.93
CIElCh	47, 28.192, 224.980
Yxy	15.6773, 0.2117, 0.2805
Android (android.graphics.Color)	4278417807 (0xFF03798F)
YUV	88.2260, 27.0036, -74.7432
Hunter-Lab	39.5945, -15.9456, -14.7943

# Details

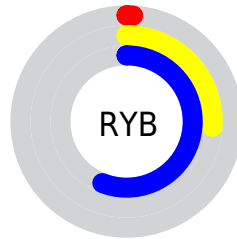
The Android color `4278417807` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4287568131`, and the grayscale version is `4283979864`.

A 20% lighter version of the original color is `4283805381`, and `4278208605` is the 20% darker color. If you saturate the color by 10%, you get `4278221199`, and if you desaturate by 10%, it is `4279335823`.

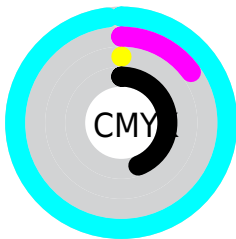
# Distribution



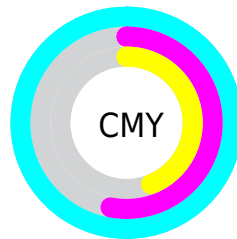
- Red (1%)
- Green (47%)
- Blue (56%)



- Red (1%)
- Yellow (26%)
- Blue (56%)



- Cyan (98%)
- Magenta (15%)
- Yellow (0%)
- Black (44%)



- Cyan (99%)
- Magenta (53%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278417807 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 4278417807 by changing the saturation by 10% instead.



 4278417807

 4278417807

4294967295

 4278214773

 4283805381

 4278208605

 4285712865

 4278202693

 4287620605

 4278197807

 4289527807

 4278190362

 4291428351

 4278190080

 4293394431

 4278417807

 4278417807

 4278221199

 4279335823

■ 4280319375

■ 4281237647

■ 4282155663

■ 4283073679

■ 4284057231

■ 4284975503

■ 4285893519

■ 4286877071

# Harmonies

## Analogous

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



4279466874



4278417807



4281758876

# Triad

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



4278417807



4287978875



4285690176

# Complementary

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



4278417807



4287568131

# 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.



4287129921



4278417807



4288437347

# Square

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



4278417807



4286604432



4288110926



4283922252

# Rectangle

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



4278417807



4283592605



4288110926



4286213695



# Sweetspot

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



4278417807



4286886586



4278423320



4282210654



4292796126



4284374622



# Same Dimension

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



4278417807



4278230458



4278400143



4282402375



4278219399



4278191624



# Inverse Universe

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



4287562617



4290379933



4287585795



4282859590



4287037554



4278714374



# Previews

## White Background



This preview shows how the Android color 4278417807 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



This preview shows how the Android color 4278417807 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

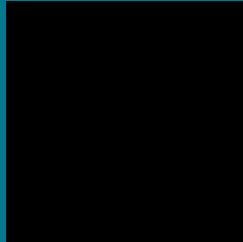
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278417807 Background



This preview shows how black text looks on a background with the Android color 4278417807.

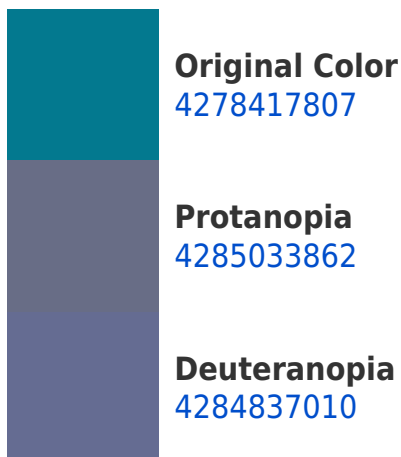


This preview shows how white text looks on a background with the Android color 4278417807.

# 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**  
4278417807

**Protanomaly**  
4282610057

**Deuteranomaly**  
4282478993

**Tritanomaly**  
4278286984

# Monochromacy



**Original Color**  
4278417807

**Achromatopsia**  
4283979864

**Achromatomaly**  
4281951340

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278417807 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(3, 121, 143)` looks like.

```
.text, #text, p{  
    color:rgb(3, 121, 143)  
}
```

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(3, 121, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 121, 143) }
```

## Border

The CSS property to change the border of an element to Android 4278417807 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(3, 121, 143) }
```

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

```
.border{ border-color:rgb(3, 121, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 121, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 121, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 121, 143);  
box-shadow:4px 4px 4px 4px rgb(3, 121,  
143) }
```

# Background

The CSS property to change the background color of an element to Android 4278417807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 121, 143) }
```

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

```
.background{ background-color: rgb(3, 121,  
143) }
```

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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