

# Converting Colors

Android(4278415217)

Have a look what the booklet for  
Android(4278415217) contains.

<b>Android(4278415217)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4278415217)**

# Conversions

## Conversions Part 1

Format	Color
Hex	036F71
RGB	3, 111, 113
RGB Percent	1%, 44%, 44%
CMY	0.9882, 0.5647, 0.5569
CMYK	0.97, 0.02, 0.00, 0.56
HSL	181°, 95%, 23%
HSV	181°, 97%, 44%
XYZ	8.7026, 12.5805, 17.5924
YIQ	78.9360, -65.0100, -22.2740

# Conversions

## Conversions Part 2

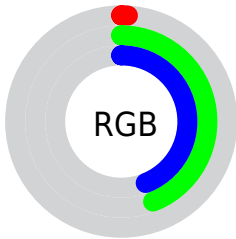
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 57, 113
Decimal	225137
CIELab	42.12, -25.18, -8.72
CIELCh	42, 26.643, 199.097
Yxy	12.5805, 0.2239, 0.3236
Android (android.graphics.Color)	4278415217 (0xFF036F71)
YUV	78.9360, 16.7936, -66.5959
Hunter-Lab	35.4690, -18.2742, -4.5792

# Details

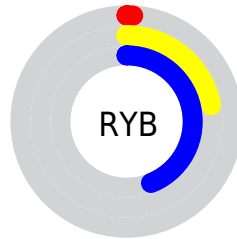
The Android color `4278415217` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4285596931`, and the grayscale version is `4283387727`.

A 20% lighter version of the original color is `4283343781`, and `4278206273` is the 20% darker color. If you saturate the color by 10%, you get `4278218609`, and if you desaturate by 10%, it is `4279136113`.

# Distribution



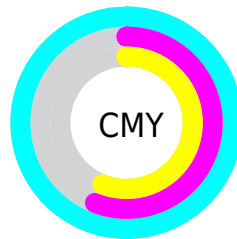
- Red (1%)
- Green (44%)
- Blue (44%)



- Red (1%)
- Yellow (22%)
- Blue (44%)



- Cyan (97%)
- Magenta (2%)
- Yellow (0%)
- Black (56%)



- Cyan (99%)
- Magenta (56%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278415217 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 4278415217 by changing the saturation by 10% instead.





4278415217



4278415217

4294967295



4278212185



4283343781



4278206273



4285185728



4278200363



4287027932



4278193943



4288870392



4278190080



4290772991



4292673535



4294639615



4278415217



4278415217

■ 4278218609

■ 4279136113

■ 4279922545

■ 4280643697

■ 4281364593

■ 4282151025

■ 4282871921

■ 4283592817

■ 4284313969

■ 4285100401

# Harmonies

## Analogous

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



4281167706



4278415217



4278283652

# Triad

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



4278415217



4286011776



4286144312

# Complementary

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



4278415217



4285596931

# 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.



4287125571



4278415217



4287189868

# Square

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



4278415217



4284113293



4287517526



4284769849

# Rectangle

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



4278415217



4280642188



4287517526



4286537019



# Sweetspot

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



4278415217



4285109140



4278415621



4281354570



4291414473



4283058762



# Same Dimension

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



4278415217



4278227348



4278401137



4281481272



4278220408



4278252535



# Inverse Universe

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



4285596527



4287889553



4285611011



4281872952



4286054518



4294377715



# Previews

## White Background



This preview shows how the Android color 4278415217 looks on a white background.

## Color Contrast Check

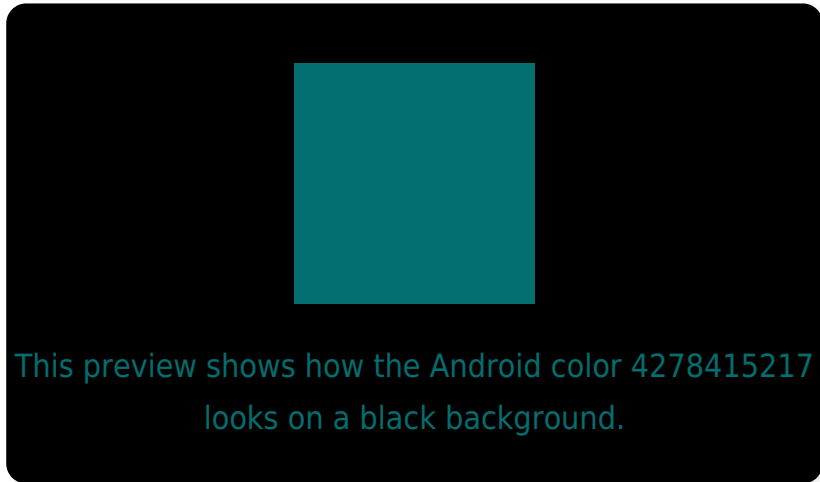
Large Text (above 18pt) WCAG AA ✓ Pass

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

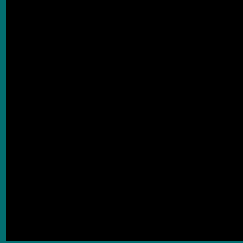
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278415217 Background



This preview shows how black text looks on a background with the Android color 4278415217.



This preview shows how white text looks on a background with the Android color 4278415217.

# 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



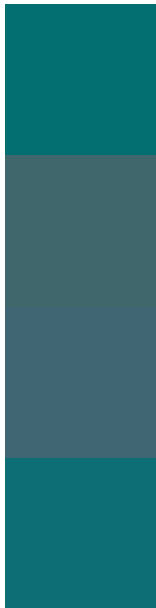
**Original Color**  
4278415217

**Protanopia**  
4284703593

**Deuteranopia**  
4284834164



# Trichromacy



**Original Color**  
4278415217

**Protanomaly**  
4282410860

**Deuteranomaly**  
4282476147

**Tritanomaly**  
4279070325

# Monochromacy



**Original Color**  
4278415217

**Achromatopsia**  
4283387727

**Achromatomaly**  
4281555803

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278415217 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, 111, 113)` looks like.

```
.text, #text, p{  
    color:rgb(3, 111, 113)  
}
```

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, 111, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 111, 113) }
```

## Border

The CSS property to change the border of an element to Android 4278415217 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, 111, 113) }
```

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

```
.border{ border-color:rgb(3, 111, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 111, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 111, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 111, 113);  
box-shadow:4px 4px 4px 4px rgb(3, 111,  
113) }
```

# Background

The CSS property to change the background color of an element to Android 4278415217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 111, 113) }
```

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

```
.background{ background-color: rgb(3, 111,  
113) }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor