

# Converting Colors

Android(4278218859)

Have a look what the booklet for  
Android(4278218859) contains.

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# Color

**Android(4278218859)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00706B
RGB	0, 112, 107
RGB Percent	0%, 44%, 42%
CMY	1.0000, 0.5608, 0.5804
CMYK	1.00, 0.00, 0.04, 0.56
HSL	177°, 100%, 22%
HSV	177°, 100%, 44%
XYZ	8.4480, 12.6499, 15.9063
YIQ	77.9420, -65.1470, -25.2990

# Conversions

## Conversions Part 2

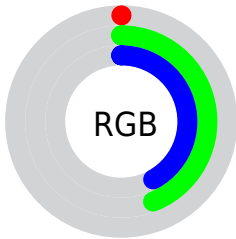
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 57, 112
Decimal	28779
CIELab	42.23, -27.86, -4.94
CIELCh	42, 28.290, 190.047
Yxy	12.6499, 0.2283, 0.3418
Android (android.graphics.Color)	4278218859 (0xFF00706B)
YUV	77.9420, 14.3256, -68.3551
Hunter-Lab	35.5667, -19.8433, -1.6194

# Details

The Android color **4278218859** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4285530117**, and the grayscale version is **4283321934**.

A 20% lighter version of the original color is **4283212958**, and **4278206268** is the 20% darker color. If you saturate the color by 10%, you get **4278218859**, and if you desaturate by 10%, it is **4278939755**.

# Distribution



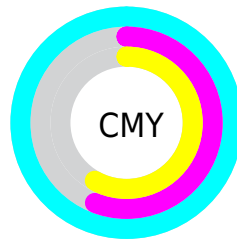
- Red (0%)
- Green (44%)
- Blue (42%)



- Red (0%)
- Yellow (22%)
- Blue (44%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (56%)



- Cyan (100%)
- Magenta (56%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278218859 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 4278218859 by changing the saturation by 10% instead.



 4278218859

 4278218859

4294967295

 4278212435

 4283212958

 4278206268

 4285055161

 4278200614

 4286897365

 4278193938

 4288805105

 4278190080

 4290641919

 4292542463

 4294508543

 4278218859

■ 4278939755

■ 4279660652

■ 4280447085

■ 4281167981

■ 4281888878

■ 4282609774

■ 4283330670

■ 4284117103

■ 4284838000

# Harmonies

## Analogous

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



4281560915



4278218859



4278218625

# Triad

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



4278218859



4285553543



4286602552

# Complementary

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



4278218859



4285530117

# 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.



4287452487



4278218859



4287058804

# Square

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



4278218859



4283327377



4287648093



4285228341

# Rectangle

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



4278218859



4278414475



4287648093



4286929468



# Sweetspot

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



4278218859



4284912015



4278611968



4281289289



4291414473



4283058762



# Same Dimension

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



4278218859



4278227339



4278206064



4281481272



4278220914



4278253548



# Inverse Universe

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



4285530117



4287692806



4285542912



4281872947



4286054405



4294377483



# Previews

## White Background



This preview shows how the Android color 4278218859 looks on a white background.

## Color Contrast Check

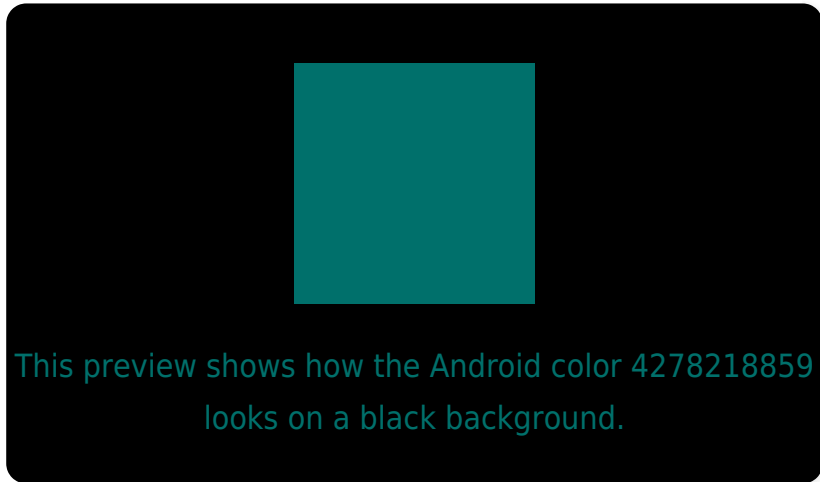
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278218859 Background



This preview shows how black text looks on a background with the Android color 4278218859.



This preview shows how white text looks on a background with the Android color 4278218859.

# 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**  
4278218859

**Protanopia**  
4284834659

**Deuteranopia**  
4285030766



# Trichromacy



**Original Color**  
4278218859

**Protanomaly**  
4282411110

**Deuteranomaly**  
4282541677

**Tritanomaly**  
4279201651

# Monochromacy



**Original Color**  
4278218859

**Achromatopsia**  
4283321934

**Achromatomaly**  
4281490009

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278218859 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, 112, 107)` looks like.

```
.text, #text, p{  
    color:rgb(0, 112, 107)  
}
```

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, 112, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 112, 107) }
```

## Border

The CSS property to change the border of an element to Android 4278218859 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, 112, 107) }
```

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

```
.border{ border-color:rgb(0, 112, 107) }
```

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

Here you see how a box with a 4 pixel rgb(0, 112, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 112, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 112, 107);  
box-shadow:4px 4px 4px 4px rgb(0, 112,  
107) }
```

# Background

The CSS property to change the background color of an element to Android 4278218859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 112, 107) }
```

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

```
.background{ background-color: rgb(0, 112,  
107) }
```

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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