

# Converting Colors

Android(4278938208)

Have a look what the booklet for  
Android(4278938208) contains.

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# Color

**Android(4278938208)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0B6A60
RGB	11, 106, 96
RGB Percent	4%, 42%, 38%
CMY	0.9569, 0.5843, 0.6235
CMYK	0.90, 0.00, 0.09, 0.58
HSL	174°, 81%, 23%
HSV	174°, 90%, 42%
XYZ	7.4034, 11.2237, 12.8425
YIQ	76.4550, -53.4100, -23.2500

# Conversions

## Conversions Part 2

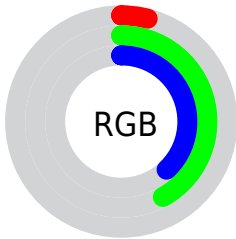
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 61, 106
Decimal	748128
CIELab	39.95, -27.65, -1.61
CIElCh	40, 27.697, 183.331
Yxy	11.2237, 0.2353, 0.3567
Android (android.graphics.Color)	4278938208 (0xFF0B6A60)
YUV	76.4550, 9.6357, -57.4040
Hunter-Lab	33.5019, -19.1826, 0.7232

# Details

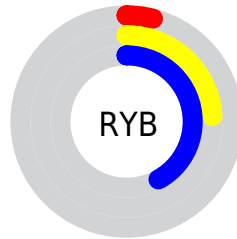
The Android color **4278938208** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4285139733**, and the grayscale version is **4283190348**.

A 20% lighter version of the original color is **4283276946**, and **4278204978** is the 20% darker color. If you saturate the color by 10%, you get **4278217311**, and if you desaturate by 10%, it is **4279659105**.

# Distribution



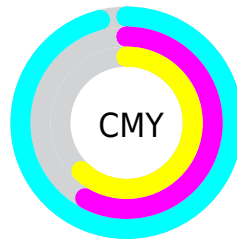
- Red (4%)
- Green (42%)
- Blue (38%)



- Red (4%)
- Yellow (24%)
- Blue (42%)



- Cyan (90%)
- Magenta (0%)
- Yellow (9%)
- Black (58%)



- Cyan (96%)
- Magenta (58%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278938208 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 4278938208 by changing the saturation by 10% instead.





4278938208



4278938208

4294967295



4278210888



4283276946



4278204978



4285053357



4278199325



4286895560



4278190084



4288737764



4278190080



4290576383



4292476927



4294377471



4278938208



4278938208

■ 4278217311

■ 4279659105

■ 4280314466

■ 4281035363

■ 4281690724

■ 4282411622

■ 4283132519

■ 4283787880

■ 4284508777

■ 4285164138

# Harmonies

## Analogous

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



4281755721



4278938208



4278217078

# Triad

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



4278938208



4284766084



4286404150

# Complementary

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



4278938208



4285139733

# 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.



4287123270



4278938208



4286337139

# Square

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



4278938208



4282343563



4287188060



4285161008

# Rectangle

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



4278938208



4278216578



4287188060



4286731067



# Sweetspot

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



4278938208



4284844678



4279659019



4281288003



4291085508



4282729797



# Same Dimension

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



4278938208



4278225531



4278929002



4281349685



4278220137



4278253019



# Inverse Universe

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



4285139733



4287234062



4285148939



4281741361



4285857804



4294246426



# Previews

## White Background



This preview shows how the Android color 4278938208 looks on a white background.

### Color Contrast Check

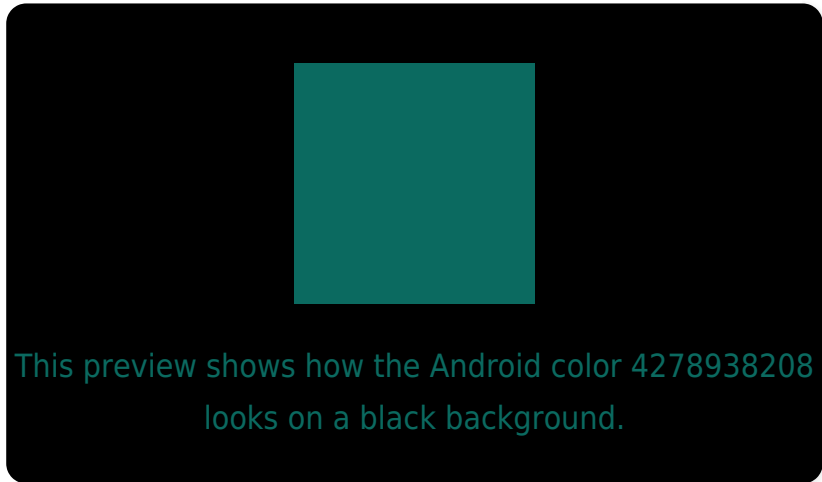
Large Text (above 18pt) WCAG AA ✓ Pass

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

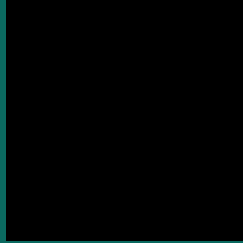
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278938208 Background



This preview shows how black text looks on a background with the Android color 4278938208.



This preview shows how white text looks on a background with the Android color 4278938208.

# 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**  
4278938208

**Protanopia**  
4284570969

**Deuteranopia**  
4284767075



# Trichromacy



**Original Color**  
4278938208

**Protanomaly**  
4282540636

**Deuteranomaly**  
4282671202

**Tritanomaly**  
4279658858

# Monochromacy



**Original Color**  
4278938208

**Achromatopsia**  
4283190348

**Achromatomaly**  
4281620307

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278938208 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(11, 106, 96)` looks like.

```
.text, #text, p{  
    color:rgb(11, 106, 96)  
}
```

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(11, 106, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 106, 96) }
```

## Border

The CSS property to change the border of an element to Android 4278938208 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(11, 106, 96) }
```

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

```
.border{ border-color:rgb(11, 106, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 106, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 106, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 106, 96);  
box-shadow:4px 4px 4px 4px rgb(11, 106,  
96) }
```

# Background

The CSS property to change the background color of an element to Android 4278938208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 106, 96) }
```

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

```
.background{ background-color: rgb(11, 106,  
96) }
```

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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