

Converting Colors

Android(4278217048)

Have a look what the booklet for
Android(4278217048) contains.

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Color

Android(4278217048)

Conversions

Conversions Part 1

Format	Color
Hex	006958
RGB	0, 105, 88
RGB Percent	0%, 41%, 35%
CMY	1.0000, 0.5882, 0.6549
CMYK	1.00, 0.00, 0.16, 0.59
HSL	170°, 100%, 21%
HSV	170°, 100%, 41%
XYZ	6.8130, 10.8077, 10.9595
YIQ	71.6670, -57.1230, -27.5470

Conversions

Conversions Part 2

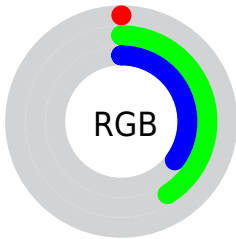
Format	Color
RYB	0, 57, 105
Decimal	26968
CIELab	39.25, -30.47, 2.23
CIELCh	39, 30.548, 175.808
Yxy	10.8077, 0.2384, 0.3782
Android (android.graphics.Color)	4278217048 (0xFF006958)
YUV	71.6670, 8.0522, -62.8520
Hunter-Lab	32.8751, -20.5392, 3.2471

Details

The Android color **4278217048** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4285071377**, and the grayscale version is **4282927176**.

A 20% lighter version of the original color is **4282949002**, and **4278204715** is the 20% darker color. If you saturate the color by 10%, you get **4278217048**, and if you desaturate by 10%, it is **4278872410**.

Distribution



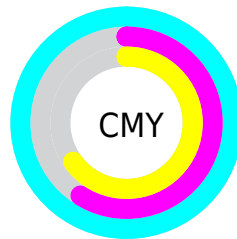
- Red (0%)
- Green (41%)
- Blue (35%)



- Red (0%)
- Yellow (22%)
- Blue (41%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (59%)



- Cyan (100%)
- Magenta (59%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278217048 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 4278217048 by changing the saturation by 10% instead.

 4278217048

 4278217048

4294967295

 4278210625

 4282949002

 4278204715

 4284790948

 4278199318

 4286567615

 4278190080

 4288409819

 4290248695

 4292149247

 4294049791

 4278217048

■ 4278872410

■ 4279593307

■ 4280314205

■ 4280969567

■ 4281690465

■ 4282345826

■ 4283066724

■ 4283722086

■ 4284442983

Harmonies

Analogous

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



4281886528



4278217048



4278217073

Triad

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



4278217048



4284045193



4286665012

Complementary

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



4278217048



4285071377

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.



4287318600



4278217048



4286074489

Square

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



4278217048



4280901774



4287187041



4285487658

Rectangle

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



4278217048



4278216575



4287187041



4286991930

Sweetspot

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



4278217048



4284516995



4279331072



4281091393



4291085508



4282729797

Same Dimension

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



4278217048



4278225523



4278208105



4281349685



4278220130



4278253005

Inverse Universe

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



4285071377



4287234070



4285080320



4281741361



4285857811



4294246440

Previews

White Background



This preview shows how the Android color 4278217048 looks on a white background.

Color Contrast Check

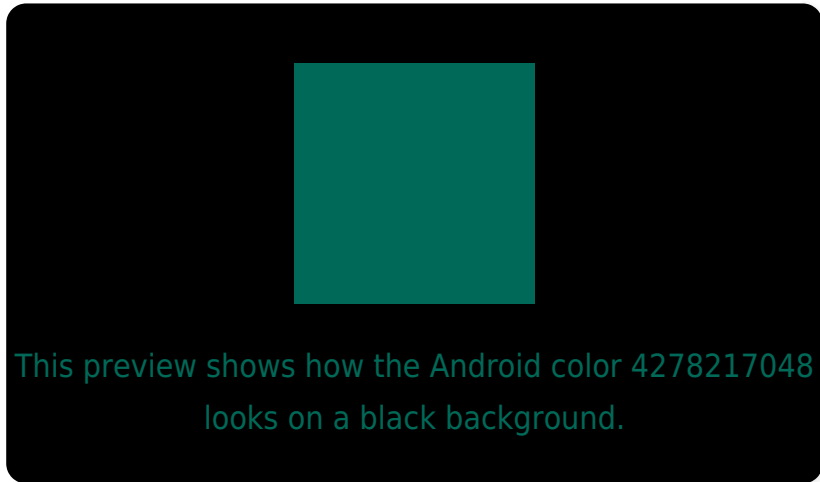
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278217048 Background



This preview shows how black text looks on a background with the Android color 4278217048.

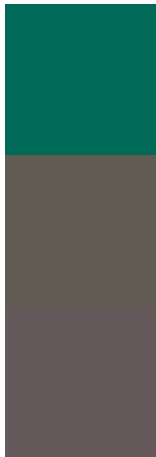


This preview shows how white text looks on a background with the Android color 4278217048.

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
4278217048

Protanopia
4284570705

Deuteranopia
4284897627

Trichromacy



Original Color
4278217048

Protanomaly
4282278228

Deuteranomaly
4282474330

Tritanomaly
4279461734

Monochromacy



Original Color
4278217048

Achromatopsia
4282927176

Achromatomaly
4281226318

CSS Examples

Text

The CSS property to change the color of the text to Android 4278217048 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, 105, 88)` looks like.

```
.text, #text, p{  
    color:rgb(0, 105, 88)  
}
```

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, 105, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 105, 88) }
```

Border

The CSS property to change the border of an element to Android 4278217048 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, 105, 88) }
```

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

```
.border{ border-color:rgb(0, 105, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 105, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 105, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 105, 88);  
box-shadow:4px 4px 4px 4px rgb(0, 105, 88)  
}
```

Background

The CSS property to change the background color of an element to Android 4278217048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 105, 88) }
```

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

```
.background{ background-color: rgb(0, 105,  
88) }
```

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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