

Converting Colors

Android(4278217574)

Have a look what the booklet for
Android(4278217574) contains.

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Color

Android(4278217574)

Conversions

Conversions Part 1

Format	Color
Hex	006B66
RGB	0, 107, 102
RGB Percent	0%, 42%, 40%
CMY	1.0000, 0.5804, 0.6000
CMYK	1.00, 0.00, 0.05, 0.58
HSL	177°, 100%, 21%
HSV	177°, 100%, 42%
XYZ	7.6560, 11.4747, 14.3817
YIQ	74.4370, -62.1670, -24.2390

Conversions

Conversions Part 2

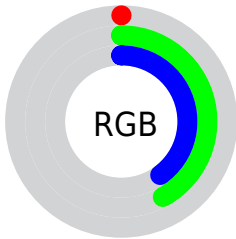
Format	Color
RYB	0, 55, 107
Decimal	27494
CIELab	40.37, -27.03, -4.67
CIELCh	40, 27.433, 189.795
Yxy	11.4747, 0.2285, 0.3424
Android (android.graphics.Color)	4278217574 (0xFF006B66)
YUV	74.4370, 13.5886, -65.2812
Hunter-Lab	33.8743, -18.9371, -1.4602

Details

The Android color `4278217574` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4285202437`, and the grayscale version is `4283058762`.

A 20% lighter version of the original color is `4283080601`, and `4278205239` is the 20% darker color. If you saturate the color by 10%, you get `4278217574`, and if you desaturate by 10%, it is `4278938470`.

Distribution



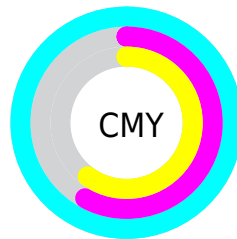
- Red (0%)
- Green (42%)
- Blue (40%)



- Red (0%)
- Yellow (22%)
- Blue (42%)



- Cyan (100%)
- Magenta (0%)
- Yellow (5%)
- Black (58%)



- Cyan (100%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278217574 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 4278217574 by changing the saturation by 10% instead.

 4278217574

 4278217574

4294967295

 4278211150

 4283080601

 4278205239

 4284922548

 4278199586

 4286764751

 4278190860

 4288607211

 4278190080

 4290510847

 4292345855

 4294311935

 4278217574

■ 4278938470

■ 4279593831

■ 4280314728

■ 4281035624

■ 4281756521

■ 4282411881

■ 4283132778

■ 4283853674

■ 4284509034

Harmonies

Analogous

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



4281428559



4278217574



4278217339

Triad

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



4278217574



4285224834



4286208309

Complementary

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



4278217574



4285202437

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.



4287058244



4278217574



4286664559

Square

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



4278217574



4283064203



4287253849



4284899378

Rectangle

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



4278217574



4278282117



4287253849



4286535225

Sweetspot

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



4278217574



4284648586



4278545152



4281222982



4291282887



4282861383

Same Dimension

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



4278217574



4278226054



4278205291



4281349685



4278220144



4278253033

Inverse Universe

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



4285202437



4287365127



4285214720



4281741360



4285857797



4294246411

Previews

White Background



This preview shows how the Android color 4278217574 looks on a white background.

Color Contrast Check

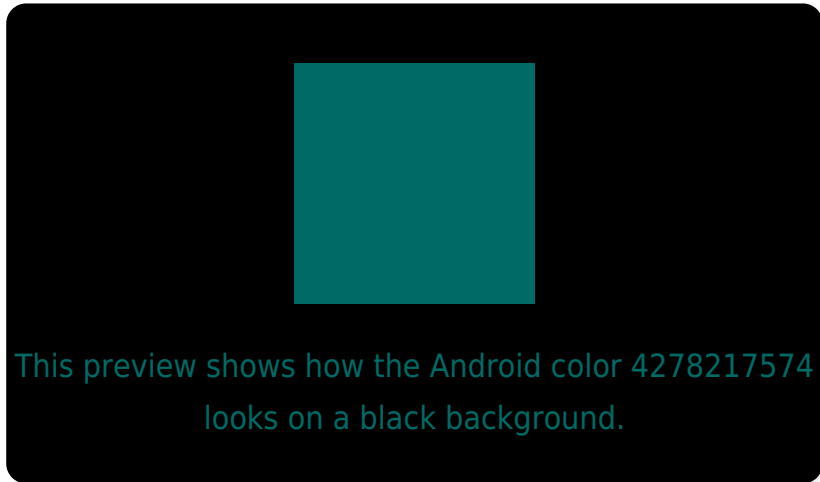
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278217574 Background



This preview shows how black text looks on a background with the Android color 4278217574.



This preview shows how white text looks on a background with the Android color 4278217574.

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

4278217574

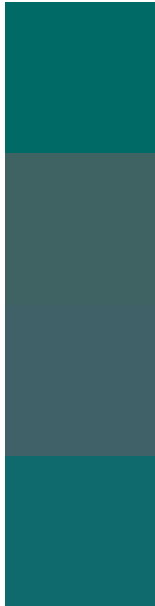
Protanopia

4284571487

Deuteranopia

4284767337

Trichromacy



Original Color
4278217574

Protanomaly
4282278754

Deuteranomaly
4282409320

Tritanomaly
4279200366

Monochromacy



Original Color
4278217574

Achromatopsia
4283058762

Achromatomaly
4281292372

CSS Examples

Text

The CSS property to change the color of the text to Android 4278217574 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, 107, 102)` looks like.

```
.text, #text, p{  
    color:rgb(0, 107, 102)  
}
```

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, 107, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 107, 102) }
```

Border

The CSS property to change the border of an element to Android 4278217574 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, 107, 102) }
```

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

```
.border{ border-color:rgb(0, 107, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 107, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 107, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 107, 102);  
box-shadow:4px 4px 4px 4px rgb(0, 107,  
102) }
```

Background

The CSS property to change the background color of an element to Android 4278217574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 107, 102) }
```

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

```
.background{ background-color: rgb(0, 107,  
102) }
```

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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