

Converting Colors

Android(4278214498)

Have a look what the booklet for
Android(4278214498) contains.

Android(4278214498)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278214498)

Conversions

Conversions Part 1

Format	Color
Hex	005F62
RGB	0, 95, 98
RGB Percent	0%, 37%, 38%
CMY	1.0000, 0.6275, 0.6157
CMYK	1.00, 0.03, 0.00, 0.62
HSL	182°, 100%, 19%
HSV	182°, 100%, 38%
XYZ	6.2968, 9.0663, 12.9734
YIQ	66.9370, -57.5830, -19.2070

Conversions

Conversions Part 2

Format	Color
RYB	0, 48, 98
Decimal	24418
CIELab	36.11, -22.30, -8.57
CIELCh	36, 23.891, 201.014
Yxy	9.0663, 0.2222, 0.3200
Android (android.graphics.Color)	4278214498 (0xFF005F62)
YUV	66.9370, 15.3141, -58.7037
Hunter-Lab	30.1102, -15.3640, -4.4687

Details

The Android color **4278214498** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4284613376**, and the grayscale version is **4282598211**.

A 20% lighter version of the original color is **4282880661**, and **4278202420** is the 20% darker color. If you saturate the color by 10%, you get **4278214498**, and if you desaturate by 10%, it is **4278869858**.

Distribution



- Red (0%)
- Green (37%)
- Blue (38%)



- Red (0%)
- Yellow (19%)
- Blue (38%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (63%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278214498 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 4278214498 by changing the saturation by 10% instead.

 4278214498

 4278214498

4294967295

 4278208330

 4282880661

 4278202420

 4284722607

 4278197534

 4286499019

 4278190085

 4288341223

 4278190080

 4290183167

 4292083711

 4293984255

 4278214498

■ 4278869858

■ 4279525474

■ 4280115298

■ 4280770658

■ 4281426274

■ 4282081634

■ 4282736994

■ 4283326818

■ 4283982434

Harmonies

Analogous

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



4280573774



4278214498



4278410610

Triad

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



4278214498



4284959597



4284961327

Complementary

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



4278214498



4284613376

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.



4285811512



4278214498



4285941340

Square

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



4278214498



4283388537



4286203720



4283717680

Rectangle

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



4278214498



4280375929



4286203720



4285288497

Sweetspot

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



4278214498



4284055168



4278215170



4280893248



4290756543



4282400832

Same Dimension

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



4278214498



4278221952



4278202210



4281086000



4278218096



4278249712

Inverse Universe

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



4284612703



4286578812



4284625664



4281347120



4285530221



4293918952

Previews

White Background



This preview shows how the Android color 4278214498 looks on a white background.

Color Contrast Check

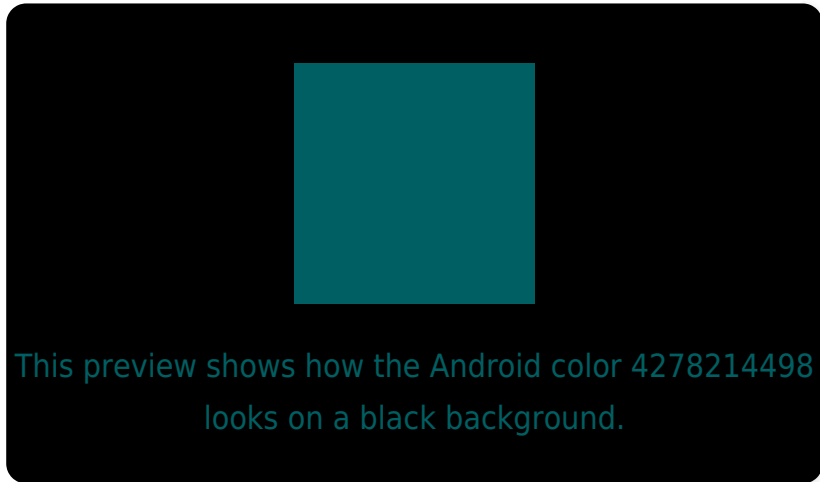
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4278214498 Background



This preview shows how black text looks on a background with the Android color 4278214498.



This preview shows how white text looks on a background with the Android color 4278214498.

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

4278214498

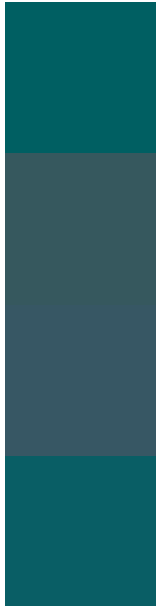
Protanopia

4283782235

Deuteranopia

4283847525

Trichromacy



Original Color
4278214498

Protanomaly
4281751646

Deuteranomaly
4281816932

Tritanomaly
4278804069

Monochromacy



Original Color
4278214498

Achromatopsia
4282598211

Achromatomaly
4281027918

CSS Examples

Text

The CSS property to change the color of the text to Android 4278214498 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, 95, 98)` looks like.

```
.text, #text, p{  
    color:rgb(0, 95, 98)  
}
```

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, 95, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 95, 98) }
```

Border

The CSS property to change the border of an element to Android 4278214498 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, 95, 98) }
```

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

```
.border{ border-color:rgb(0, 95, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 95, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 95, 98); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 95, 98); box-shadow:4px  
4px 4px 4px rgb(0, 95, 98) }
```

Background

The CSS property to change the background color of an element to Android 4278214498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 95, 98) }
```

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

```
.background{ background-color: rgb(0, 95,  
98) }
```

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