

Converting Colors

Android(4278214984)

Have a look what the booklet for
Android(4278214984) contains.

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Color

Android(4278214984)

Conversions

Conversions Part 1

Format	Color
Hex	006148
RGB	0, 97, 72
RGB Percent	0%, 38%, 28%
CMY	1.0000, 0.6196, 0.7176
CMYK	1.00, 0.00, 0.26, 0.62
HSL	165°, 100%, 19%
HSV	165°, 100%, 38%
XYZ	5.4444, 9.0173, 7.5844
YIQ	65.1470, -49.7870, -28.3390

Conversions

Conversions Part 2

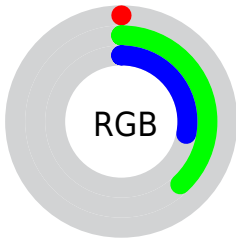
Format	Color
RYB	0, 56, 97
Decimal	24904
CIELab	36.02, -31.47, 7.39
CIELCh	36, 32.330, 166.778
Yxy	9.0173, 0.2470, 0.4090
Android (android.graphics.Color)	4278214984 (0xFF006148)
YUV	65.1470, 3.3785, -57.1339
Hunter-Lab	30.0288, -20.1872, 6.0451

Details

The Android color **4278214984** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **4284547097**, and the grayscale version is **4282466625**.

A 20% lighter version of the original color is **4282750072**, and **4278202652** is the 20% darker color. If you saturate the color by 10%, you get **4278214984**, and if you desaturate by 10%, it is **4278870347**.

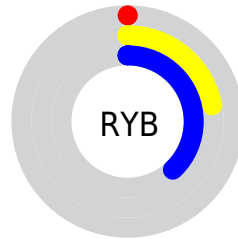
Distribution



Red (0%)

Green (38%)

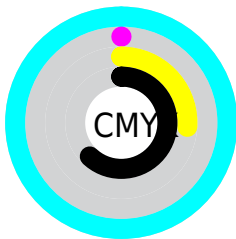
Blue (28%)



Red (0%)

Yellow (22%)

Blue (38%)

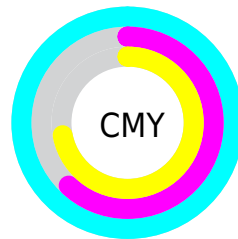


Cyan (100%)

Magenta (0%)

Yellow (26%)

Black (62%)



Cyan (100%)

Magenta (62%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278214984 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 4278214984 by changing the saturation by 10% instead.

 4278214984

 4278214984

4294967295

 4278208818

 4282750072

 4278202652

 4284526482

 4278197507

 4286303149

 4278190080

 4288079816

 4289920996

 4291821567

 4293722111

 4278214984

■ 4278870347

■ 4279460173

■ 4280115535

■ 4280770898

■ 4281426261

■ 4282016087

■ 4282671450

■ 4283326812

■ 4283916638

Harmonies

Analogous

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



4281884208



4278214984



4278215267

Triad

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



4278214984



4282602118



4286465584

Complementary

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



4278214984



4284547097

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.



4286922567



4278214984



4285089912

Square

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



4278214984



4278213511



4286529633



4285353761

Rectangle

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



4278214984



4278215027



4286529633



4286726967

Sweetspot

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



4278214984



4283923827



4279918848



4280893498



4290756543



4282400832

Same Dimension

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



4278214984



4278222173



4278209121



4281085999



4278218835



4278251698

Inverse Universe

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



4284547097



4286382112



4284552960



4281347117



4285530141



4293918782

Previews

White Background



This preview shows how the Android color 4278214984 looks on a white background.

Color Contrast Check

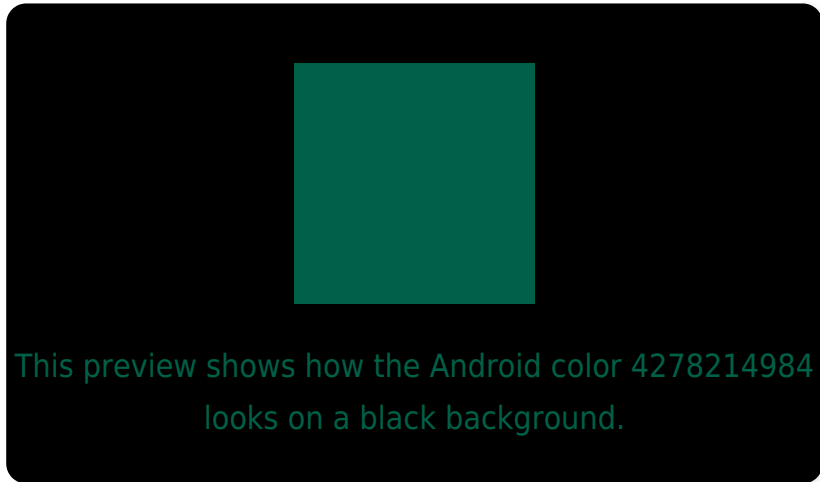
Large Text (above 18pt) WCAG AA ✓ Pass

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

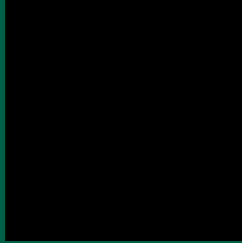
Any Text WCAG AA × Fail

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 4278214984 Background



This preview shows how black text looks on a background with the Android color 4278214984.



This preview shows how white text looks on a background with the Android color 4278214984.

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

4278214984

Protanopia

4284110146

Deuteranopia

4284502603

Trichromacy



Original Color
4278214984

Protanomaly
4281948484

Deuteranomaly
4282210122

Tritanomaly
4279524954

Monochromacy



Original Color
4278214984

Achromatopsia
4282466625

Achromatomaly
4280896836

CSS Examples

Text

The CSS property to change the color of the text to Android 4278214984 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, 97, 72)` looks like.

```
.text, #text, p{  
    color:rgb(0, 97, 72)  
}
```

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, 97, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 97, 72) }
```

Border

The CSS property to change the border of an element to Android 4278214984 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, 97, 72) }
```

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

```
.border{ border-color:rgb(0, 97, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 97, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 97, 72); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 97, 72); box-shadow:4px  
4px 4px 4px rgb(0, 97, 72) }
```

Background

The CSS property to change the background color of an element to Android 4278214984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 97, 72) }
```

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

```
.background{ background-color: rgb(0, 97,  
72) }
```

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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