

Converting Colors

Android(4278670934)

Have a look what the booklet for
Android(4278670934) contains.

Android(4278670934)	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(4278670934)

Conversions

Conversions Part 1

Format	Color
Hex	075656
RGB	7, 86, 86
RGB Percent	3%, 34%, 34%
CMY	0.9725, 0.6627, 0.6627
CMYK	0.92, 0.00, 0.00, 0.66
HSL	180°, 85%, 18%
HSV	180°, 92%, 34%
XYZ	5.0951, 7.3726, 9.9586
YIQ	62.3790, -47.0840, -16.7480

Conversions

Conversions Part 2

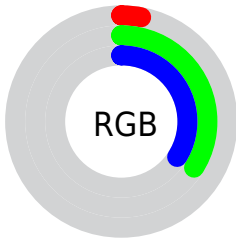
Format	Color
RYB	7, 47, 86
Decimal	480854
CIELab	32.64, -21.13, -6.25
CIELCh	33, 22.034, 196.472
Yxy	7.3726, 0.2272, 0.3287
Android (android.graphics.Color)	4278670934 (0xFF075656)
YUV	62.3790, 11.6452, -48.5674
Hunter-Lab	27.1526, -14.0219, -2.7387

Details

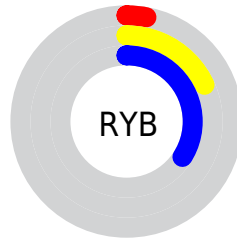
The Android color **4278670934** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4283827975**, and the grayscale version is **4282269246**.

A 20% lighter version of the original color is **4282812552**, and **4278200361** is the 20% darker color. If you saturate the color by 10%, you get **4278212182**, and if you desaturate by 10%, it is **4279260758**.

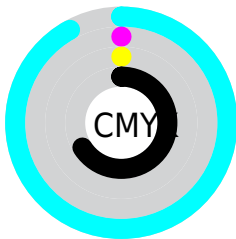
Distribution



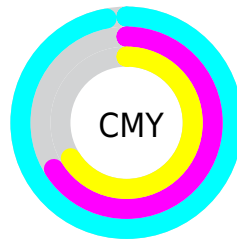
- Red (3%)
- Green (34%)
- Blue (34%)



- Red (3%)
- Yellow (18%)
- Blue (34%)



- Cyan (92%)
- Magenta (0%)
- Yellow (0%)
- Black (66%)



- Cyan (97%)
- Magenta (66%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278670934 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 4278670934 by changing the saturation by 10% instead.

 4278670934

 4278670934

4294967295

 4278206015

 4282812552

 4278200361

 4284588962


 4278194453

 4286299837

 4278190080

 4288142041

 4289984245

 4291821567

 4293722111

 4278670934

 4278670934

■ 4278212182

■ 4279260758

■ 4279785046

■ 4280374870

■ 4280899158

■ 4281488982

■ 4282078806

■ 4282603094

■ 4283192918

■ 4283717206

Harmonies

Analogous

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



4280571204



4278670934



4278277221

Triad

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



4278670934



4284171621



4284434731

Complementary

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



4278670934



4283827975

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.



4285154100



4278670934



4285153365

Square

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



4278670934



4282600302



4285480772



4283387691

Rectangle

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



4278670934



4279849580



4285480772



4284696365

Sweetspot

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



4278670934



4283527280



4278670855



4280629304



4290295992



4281874488

Same Dimension

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



4278670934



4278218864



4278660950



4280757035



4278217579



4278250475

Inverse Universe

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



4283828054



4285530224



4283838215



4281018155



4285202539



4293591275

Previews

White Background



This preview shows how the Android color 4278670934 looks on a white background.

Color Contrast Check

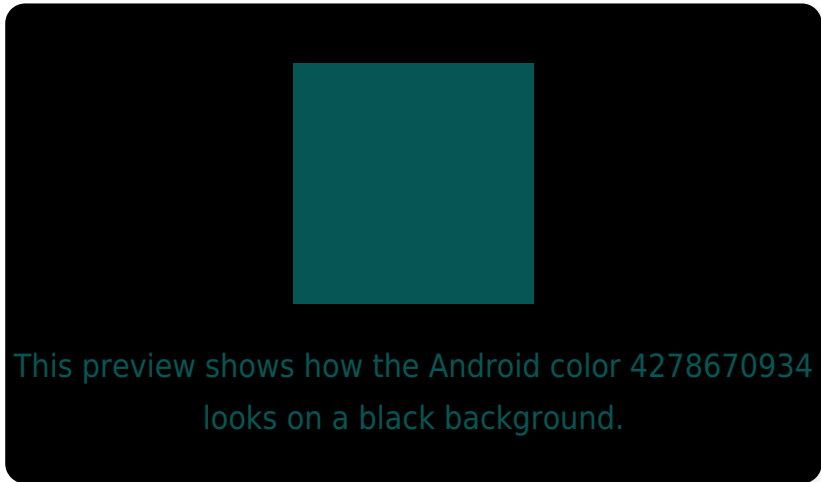
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278670934 Background



This preview shows how black text looks on a background with the Android color 4278670934.



This preview shows how white text looks on a background with the Android color 4278670934.

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
4278670934

Protanopia
4283255888

Deuteranopia
4283386712

Trichromacy



Original Color
4278670934

Protanomaly
4281618514

Deuteranomaly
4281683799

Tritanomaly
4279063898

Monochromacy



Original Color
4278670934

Achromatopsia
4282269246

Achromatomaly
4280960839

CSS Examples

Text

The CSS property to change the color of the text to Android 4278670934 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(7, 86, 86)` looks like.

```
.text, #text, p{  
    color:rgb(7, 86, 86)  
}
```

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(7, 86, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 86, 86) }
```

Border

The CSS property to change the border of an element to Android 4278670934 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(7, 86, 86) }
```

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

```
.border{ border-color:rgb(7, 86, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 86, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 86, 86); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 86, 86); box-shadow:4px  
4px 4px 4px rgb(7, 86, 86) }
```

Background

The CSS property to change the background color of an element to Android 4278670934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 86, 86) }
```

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

```
.background{ background-color: rgb(7, 86,  
86) }
```

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