

Converting Colors

Android(4278280807)

Have a look what the booklet for
Android(4278280807) contains.

Android(4278280807)	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(4278280807)

Conversions

Conversions Part 1

Format	Color
Hex	016267
RGB	1, 98, 103
RGB Percent	0%, 38%, 40%
CMY	0.9961, 0.6157, 0.5961
CMYK	0.99, 0.05, 0.00, 0.60
HSL	183°, 98%, 20%
HSV	183°, 99%, 40%
XYZ	6.8284, 9.7211, 14.3484
YIQ	69.5670, -59.4170, -19.0090

Conversions

Conversions Part 2

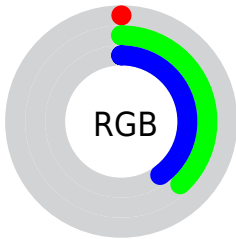
Format	Color
R_{YB}	1, 51, 103
Decimal	90727
CIE Lab	37.34, -22.05, -9.82
CIE LCh	37, 24.131, 204.000
Yxy	9.7211, 0.2210, 0.3146
Android (android.graphics.Color)	4278280807 (0xFF016267)
YUV	69.5670, 16.4825, -60.1333
Hunter-Lab	31.1787, -15.4697, -5.4602

Details

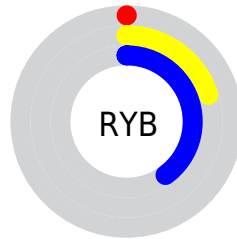
The Android color `4278280807` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4284941825`, and the grayscale version is `4282729797`.

A 20% lighter version of the original color is `4283012506`, and `4278203192` is the 20% darker color. If you saturate the color by 10%, you get `4278215271`, and if you desaturate by 10%, it is `4278936423`.

Distribution



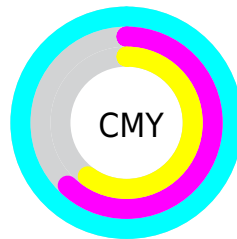
- Red (0%)
- Green (38%)
- Blue (40%)



- Red (0%)
- Yellow (20%)
- Blue (40%)



- Cyan (99%)
- Magenta (5%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (62%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278280807 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 4278280807 by changing the saturation by 10% instead.



4278280807



4278280807

4294967295



4278209103



4283012506



4278203192



4284854453



4278198051



4286630864



4278190093



4288473325



4278190080



4290314239



4292214783



4294115327



4278280807



4278280807

■ 4278215271

■ 4278936423

■ 4279657319

■ 4280312935

■ 4280968295

■ 4281689447

■ 4282344807

■ 4283000423

■ 4283655783

■ 4284376935

Harmonies

Analogous

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



4280509011



4278280807



4279066743

Triad

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



4278280807



4285353327



4285027633

Complementary

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



4278280807



4284941825

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.



4286009145



4278280807



4286269789

Square

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



4278280807



4283716731



4286466633



4283783988

Rectangle

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



4278280807



4280835453



4286466633



4285420339

Sweetspot

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



4278280807



4284450183



4278281988



4281091141



4291085508



4282729797

Same Dimension

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



4278280807



4278223239



4278268263



4281217843



4278218099



4278249202

Inverse Universe

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



4284940642



4287037569



4284954369



4281544243



4285726829



4294050022

Previews

White Background



This preview shows how the Android color 4278280807 looks on a white background.

Color Contrast Check

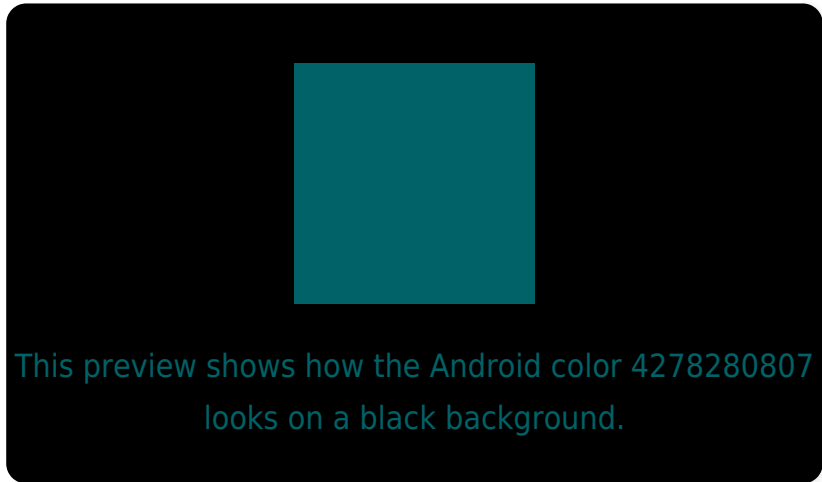
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278280807 Background



This preview shows how black text looks on a background with the Android color 4278280807.



This preview shows how white text looks on a background with the Android color 4278280807.

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
4278280807

Protanopia
4283914080

Deuteranopia
4283979370

Trichromacy



Original Color
4278280807

Protanomaly
4281883491

Deuteranomaly
4281883241

Tritanomaly
4278739561

Monochromacy



Original Color
4278280807

Achromatopsia
4282795590

Achromatomaly
4281159762

CSS Examples

Text

The CSS property to change the color of the text to Android 4278280807 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(1, 98, 103)` looks like.

```
.text, #text, p{  
    color:rgb(1, 98, 103)  
}
```

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(1, 98, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 98, 103) }
```

Border

The CSS property to change the border of an element to Android 4278280807 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(1, 98, 103) }
```

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

```
.border{ border-color:rgb(1, 98, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 98, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 98, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 98, 103);  
box-shadow:4px 4px 4px 4px rgb(1, 98, 103)  
}
```

Background

The CSS property to change the background color of an element to Android 4278280807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 98, 103) }
```

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

```
.background{ background-color: rgb(1, 98,  
103) }
```

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