

Converting Colors

Android(4280226048)

Have a look what the booklet for
Android(4280226048) contains.

Android(4280226048)	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(4280226048)

Conversions

Conversions Part 1

Format	Color
Hex	1F1100
RGB	31, 17, 0
RGB Percent	12%, 7%, 0%
CMY	0.8784, 0.9333, 1.0000
CMYK	0.00, 0.45, 1.00, 0.88
HSL	33°, 100%, 6%
HSV	33°, 100%, 12%
XYZ	0.7655, 0.6922, 0.0933
YIQ	19.2480, 13.8010, -2.3190

Conversions

Conversions Part 2

Format	Color
RYB	26, 31, 0
Decimal	2035968
CIELab	6.25, 4.41, 9.45
CIElCh	6, 10.424, 64.985
Yxy	0.6922, 0.4936, 0.4463
Android (android.graphics.Color)	4280226048 (0xFF1F1100)
YUV	19.2480, -9.4893, 10.3065
Hunter-Lab	8.3199, 1.8642, 5.1593

Details

The Android color **4280226048** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **4278193695**, and the grayscale version is **4279440147**.

A 20% lighter version of the original color is **4283054896**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280226048**, and if you desaturate by 10%, it is **4280226307**.

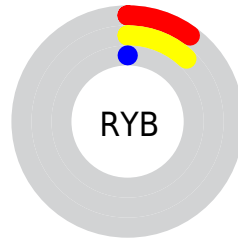
Distribution



Red (12%)

Green (7%)

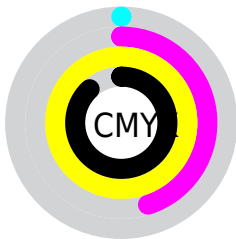
Blue (0%)



Red (10%)

Yellow (12%)

Blue (0%)

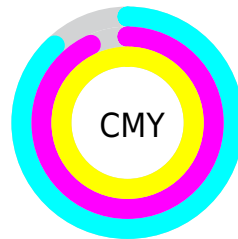


Cyan (0%)

Magenta (45%)

Yellow (100%)

Black (88%)



Cyan (88%)

Magenta (93%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280226048 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 4280226048 by changing the saturation by 10% instead.

 4280226048

 4280226048

 4294963682

 4278190080


 4283054896

 4284633670

 4286278494

 4287988855

 4289765008

 4291606955

 4293448902

 4280226048

■ 4280226307

■ 4280226822

■ 4280227081

■ 4280227596

■ 4280227856

■ 4280228115

■ 4280228630

■ 4280228889

■ 4280229404

Harmonies

Analogous

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



4280422153



4280226048



4279833600

Triad

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



4280226048



4278196245



4279701791

Complementary

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



4280226048



4278193695

Split Complementary

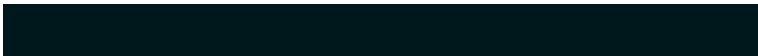
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4278981666



4280226048



4278196252

Square

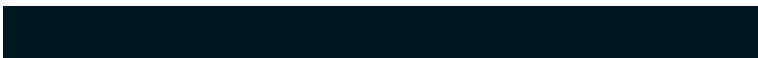
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4280226048



4278392844



4278195744



4280160026

Rectangle

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



4280226048



4279440640



4278195744



4279439904

Sweetspot

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



4280226048



4280886045



4280221710



4279505165



4287927444



4279505940

Same Dimension

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



4280226048



4280882688



4280164096



4279176974



4283378432



4291784960

Inverse Universe

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



4278193695



4278194729



4278255647



4279111183



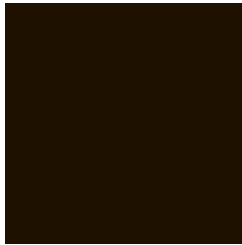
4278199375



4278214095

Previews

White Background



This preview shows how the Android color 4280226048 looks on a white background.

Color Contrast Check

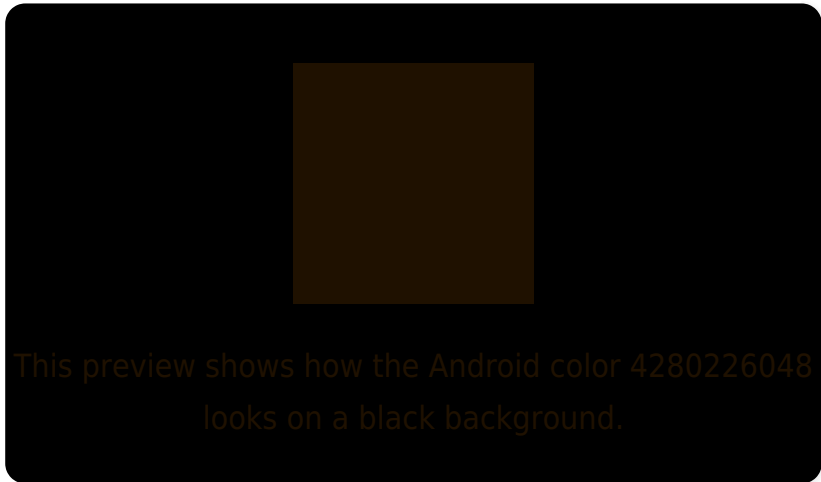
Large Text (above 18pt) WCAG AA ✓ Pass

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

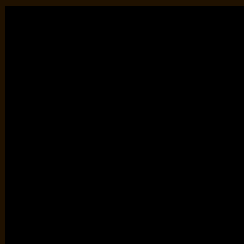
Any Text WCAG AA × Fail

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 4280226048 Background



This preview shows how black text looks on a background with the Android color 4280226048.

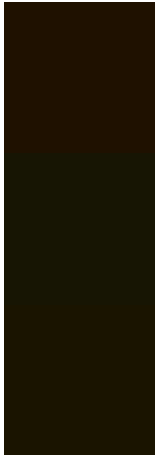


This preview shows how white text looks on a background with the Android color 4280226048.

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

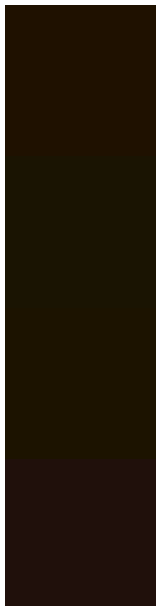


Original Color
4280226048

Protanopia
4279702787

Deuteranopia
4279899136

Trichromacy



Original Color

4280226048

Protanomaly

4279899138

Deuteranomaly

4280029952

Tritanomaly

4280291339

Monochromacy



Original Color

4280226048

Achromatopsia

4279440147

Achromatomaly

4279702028

CSS Examples

Text

The CSS property to change the color of the text to Android 4280226048 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(31, 17, 0)` looks like.

```
.text, #text, p{  
    color:rgb(31, 17, 0)  
}
```

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(31, 17, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 17, 0) }
```

Border

The CSS property to change the border of an element to Android 4280226048 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(31, 17, 0) }
```

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

```
.border{ border-color:rgb(31, 17, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 17, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 17, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(31, 17, 0); box-shadow:4px  
4px 4px 4px rgb(31, 17, 0) }
```

Background

The CSS property to change the background color of an element to Android 4280226048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 17, 0) }
```

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

```
.background{ background-color: rgb(31, 17,  
0) }
```

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