

Converting Colors

Android(4280228352)

Have a look what the booklet for
Android(4280228352) contains.

Android(4280228352)	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(4280228352)

Conversions

Conversions Part 1

Format	Color
Hex	1F1A00
RGB	31, 26, 0
RGB Percent	12%, 10%, 0%
CMY	0.8784, 0.8980, 1.0000
CMYK	0.00, 0.16, 1.00, 0.88
HSL	50°, 100%, 6%
HSV	50°, 100%, 12%
XYZ	0.9345, 1.0301, 0.1496
YIQ	24.5310, 11.3260, -7.0260

Conversions

Conversions Part 2

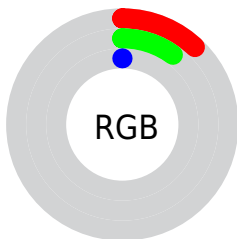
Format	Color
RYB	6, 31, 0
Decimal	2038272
CIELab	9.24, -1.68, 13.79
CIElCh	9, 13.893, 96.937
Yxy	1.0301, 0.4420, 0.4872
Android (android.graphics.Color)	4280228352 (0xFF1F1A00)
YUV	24.5310, -12.0938, 5.6733
Hunter-Lab	10.1494, -1.3266, 6.2308

Details

The Android color **4280228352** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **4278191391**, and the grayscale version is **4279834905**.

A 20% lighter version of the original color is **4283057456**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280228352**, and if you desaturate by 10%, it is **4280228611**.

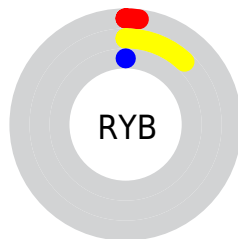
Distribution



Red (12%)

Green (10%)

Blue (0%)



Red (2%)

Yellow (12%)

Blue (0%)

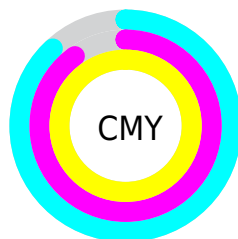


Cyan (0%)

Magenta (16%)

Yellow (100%)

Black (88%)



Cyan (88%)

Magenta (90%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280228352 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 4280228352 by changing the saturation by 10% instead.

 4280228352

 4280228352

 4294966754

 4278190080


 4283057456

 4284636486

 4286281054

 4287991670

 4289767824

 4291609771

 4293451974

 4280228352

■ 4280228611

■ 4280228614

■ 4280228873

■ 4280228876

■ 4280229136

■ 4280229139

■ 4280229398

■ 4280229401

■ 4280229660

Harmonies

Analogous

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



4280686339



4280228352



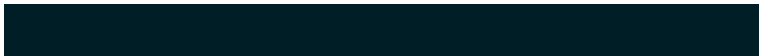
4279573766

Triad

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



4280228352



4278197797



4280750881

Complementary

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



4280228352



4278191391

Split Complementary

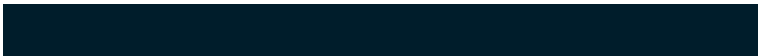
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4280162089



4280228352



4278197547

Square

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



4280228352



4278198044



4279179820



4281012760

Rectangle

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



4280228352



4278984206



4279179820



4280620068

Sweetspot

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



4280228352



4280887069



4280221701



4279505677



4287927444



4279505940

Same Dimension

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



4280228352



4280885760



4279574272



4279176974



4283384320



4291800320

Inverse Universe

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



4278191391



4278191913



4278845471



4279111183



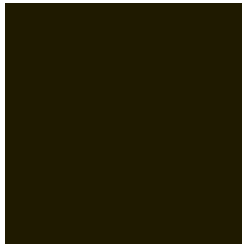
4278193487



4278198735

Previews

White Background



This preview shows how the Android color 4280228352 looks on a white background.

Color Contrast Check

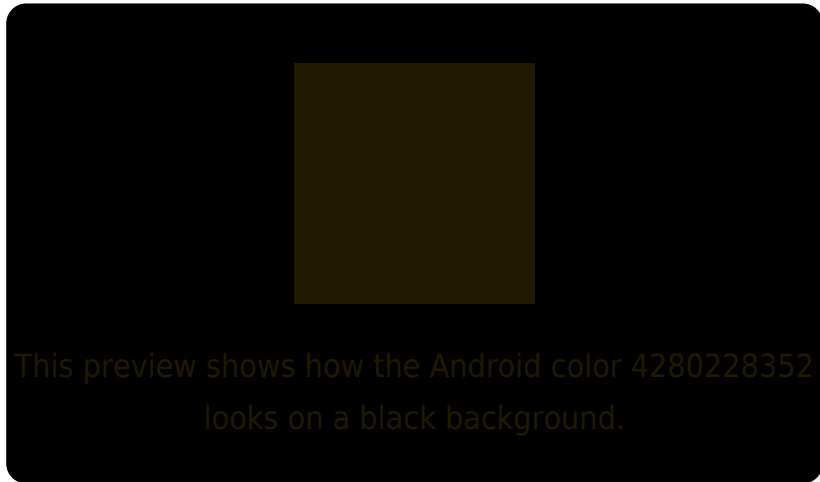
Large Text (above 18pt) WCAG AA ✓ Pass

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

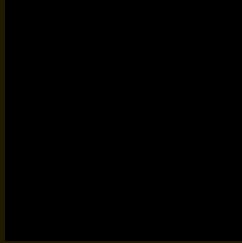
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

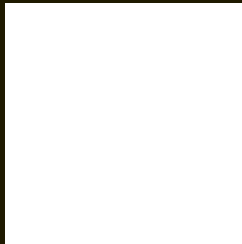
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280228352 Background



This preview shows how black text looks on a background with the Android color 4280228352.

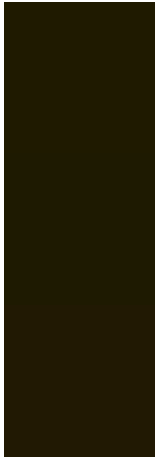


This preview shows how white text looks on a background with the Android color 4280228352.

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

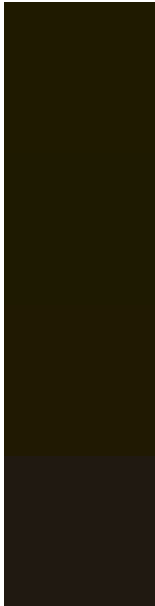


Original Color
4280228352

Protanopia
4280162817

Deuteranopia
4280359171

Trichromacy



Original Color

4280228352

Protanomaly

4280162817

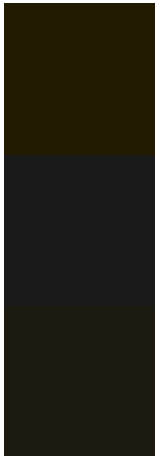
Deuteranomaly

4280293634

Tritanomaly

4280293649

Monochromacy



Original Color

4280228352

Achromatopsia

4279834905

Achromatomaly

4279965968

CSS Examples

Text

The CSS property to change the color of the text to Android 4280228352 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, 26, 0)` looks like.

```
.text, #text, p{  
    color:rgb(31, 26, 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, 26, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 26, 0) }
```

Border

The CSS property to change the border of an element to Android 4280228352 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, 26, 0) }
```

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

```
.border{ border-color:rgb(31, 26, 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, 26, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 26, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(31, 26, 0); box-shadow:4px  
4px 4px 4px rgb(31, 26, 0) }
```

Background

The CSS property to change the background color of an element to Android 4280228352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 26, 0) }
```

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

```
.background{ background-color: rgb(31, 26,  
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