

Converting Colors

Android(4280818178)

Have a look what the booklet for
Android(4280818178) contains.

Android(4280818178)	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(4280818178)

Conversions

Conversions Part 1

Format	Color
Hex	281A02
RGB	40, 26, 2
RGB Percent	16%, 10%, 1%
CMY	0.8431, 0.8980, 0.9922
CMYK	0.00, 0.35, 0.95, 0.84
HSL	38°, 90%, 8%
HSV	38°, 95%, 16%
XYZ	1.2554, 1.1943, 0.2218
YIQ	27.4500, 16.0480, -4.4960

Conversions

Conversions Part 2

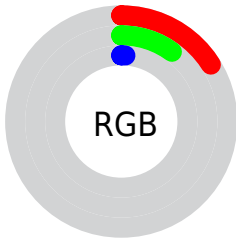
Format	Color
RYB	24, 40, 2
Decimal	2628098
CIELab	10.52, 3.90, 14.96
CIELCh	11, 15.458, 75.378
Yxy	1.1943, 0.4699, 0.4470
Android (android.graphics.Color)	4280818178 (0xFF281A02)
YUV	27.4500, -12.5468, 11.0064
Hunter-Lab	10.9283, 1.3811, 6.4466

Details

The Android color **4280818178** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **4278325288**, and the grayscale version is **4280032284**.

A 20% lighter version of the original color is **4283843889**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280817920**, and if you desaturate by 10%, it is **4280818438**.

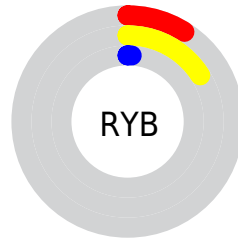
Distribution



Red (16%)

Green (10%)

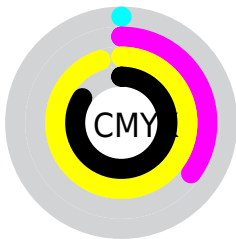
Blue (1%)



Red (9%)

Yellow (16%)

Blue (1%)

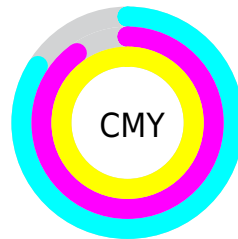


Cyan (0%)

Magenta (35%)

Yellow (95%)

Black (84%)



Cyan (84%)

Magenta (90%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280818178 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 4280818178 by changing the saturation by 10% instead.



4280818178



4280818178



4294966756



4279042048



4283843889



4278190080



4285488455



4287133023



4288909176



4290685330



4292527276



4294435016



4280818178



4280818178

■ 4280817920

■ 4280818438

■ 4280818954

■ 4280819214

■ 4280819730

■ 4280819990

■ 4280820506

■ 4280820766

■ 4280821282

■ 4280821542

Harmonies

Analogous

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



4281210380



4280818178



4280229378

Triad

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



4280818178



4278198818



428055563

Complementary

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



4280818178



4278325288

Split Complementary

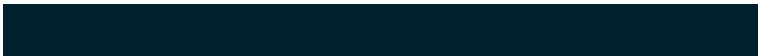
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4279573553



4280818178



4278198571

Square

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



4280818178



4278329879



4278198065



4281144354

Rectangle

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



4280818178



4279705351



4278198065



4280293678

Sweetspot

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



4280818178



4281544228



4280812049



4279899665



4288256409



4279900698

Same Dimension

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



4280818178



4281540608



4280559618



4279505938



4283708672



4292118016

Inverse Universe

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



4278325288



4278194995



4278583848



4279374612



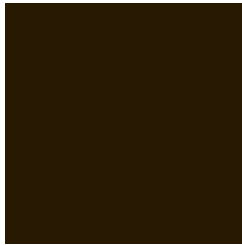
4278198100



4278210260

Previews

White Background



This preview shows how the Android color 4280818178 looks on a white background.

Color Contrast Check

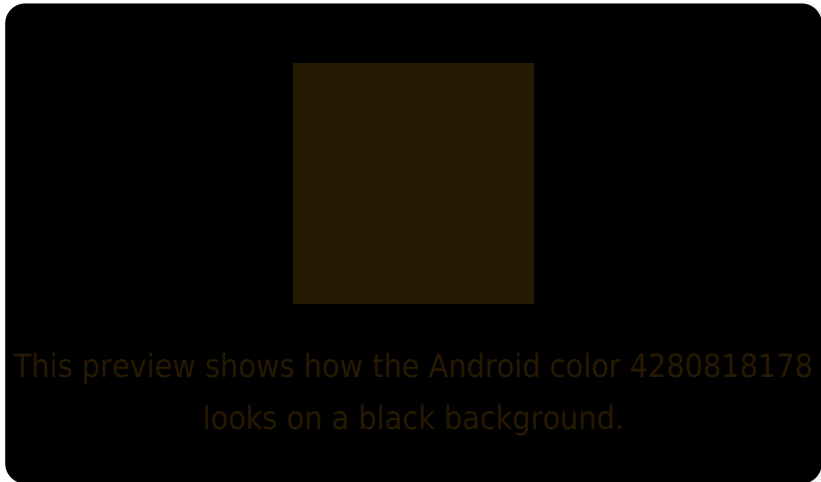
Large Text (above 18pt) WCAG AA ✓ Pass

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

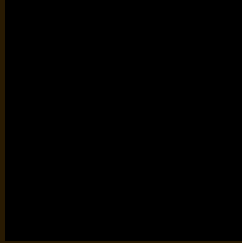
Any Text WCAG AA × Fail

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 4280818178 Background



This preview shows how black text looks on a background with the Android color 4280818178.

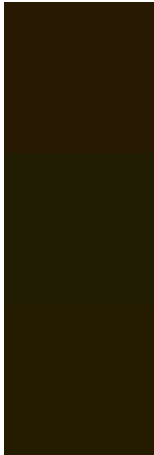


This preview shows how white text looks on a background with the Android color 4280818178.

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](#).

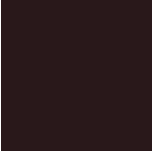
Dichromacy



Original Color
4280818178

Protanopia
4280360195

Deuteranopia
4280622080



Tritanopia
4280883226

Trichromacy



Original Color
4280818178

Protanomaly
4280556547

Deuteranomaly
4280687361

Tritanomaly
4280883473

Monochromacy



Original Color
4280818178

Achromatopsia
4279966491

Achromatomaly
4280294162

CSS Examples

Text

The CSS property to change the color of the text to Android 4280818178 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(40, 26, 2)` looks like.

```
.text, #text, p{  
    color:rgb(40, 26, 2)  
}
```

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(40, 26, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 26, 2) }
```

Border

The CSS property to change the border of an element to Android 4280818178 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(40, 26, 2) }
```

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

```
.border{ border-color:rgb(40, 26, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 26, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 26, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(40, 26, 2); box-shadow:4px  
4px 4px 4px rgb(40, 26, 2) }
```

Background

The CSS property to change the background color of an element to Android 4280818178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 26, 2) }
```

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

```
.background{ background-color: rgb(40, 26,  
2) }
```

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