

Converting Colors

Android(4280817176)

Have a look what the booklet for
Android(4280817176) contains.

Android(4280817176)	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(4280817176)

Conversions

Conversions Part 1

Format	Color
Hex	281618
RGB	40, 22, 24
RGB Percent	16%, 9%, 9%
CMY	0.8431, 0.9137, 0.9059
CMYK	0.00, 0.45, 0.40, 0.84
HSL	353°, 29%, 12%
HSV	353°, 45%, 16%
XYZ	1.3269, 1.0909, 1.0048
YIQ	27.6100, 10.0860, 4.4380

Conversions

Conversions Part 2

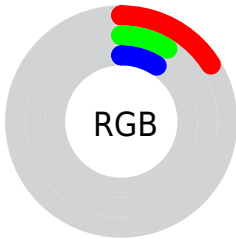
Format	Color
RYB	40, 22, 24
Decimal	2627096
CIELab	9.73, 9.50, 2.41
CIELCh	10, 9.801, 14.212
Yxy	1.0909, 0.3877, 0.3187
Android (android.graphics.Color)	4280817176 (0xFF281618)
YUV	27.6100, -1.7797, 10.8660
Hunter-Lab	10.4445, 4.3983, 1.6074

Details

The Android color **4280817176** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **4279642150**, and the grayscale version is **4280032284**.

A 20% lighter version of the original color is **4283842883**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280816148**, and if you desaturate by 10%, it is **4280818204**.

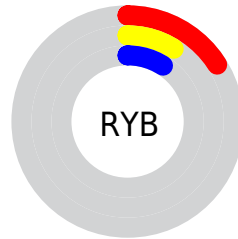
Distribution



Red (16%)

Green (9%)

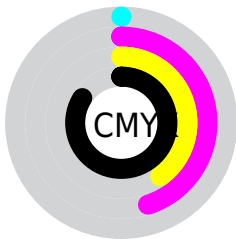
Blue (9%)



Red (16%)

Yellow (9%)

Blue (9%)

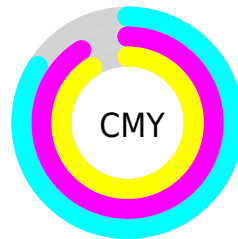


Cyan (0%)

Magenta (45%)

Yellow (40%)

Black (84%)



Cyan (84%)

Magenta (91%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280817176 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 4280817176 by changing the saturation by 10% instead.



4280817176



4280817176



4294965498



4279435264



4283842883



4278190080



4285421658



4287132018



4288842380



4290684070



4292526273



4294368221



4280817176



4280817176

■ 4280816148

■ 4280818204

■ 4280815121

■ 4280819231

■ 4280814093

■ 4280820259

■ 4280813066

■ 4280821286

■ 4280812038

■ 4280822314

■ 4280811524

■ 4280823341

■ 4280824369

■ 4280825396

■ 4280826424

Harmonies

Analogous

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



4280686111



4280817176



4280751889

Triad

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



4280817176



4279573777



4279049511

Complementary

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



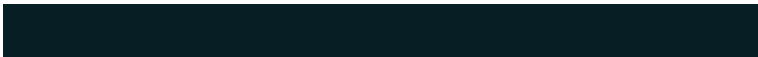
4280817176



4279642150

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.



4278591012



4280817176



4279049751

Square

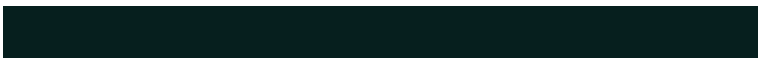
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4280817176



4280097548



4278591262



4279704104

Rectangle

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



4280817176



4280621326



4278591262



4278852903

Sweetspot

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



4280817176



4281543725



4280686120



4279899414



4288256409



4279900698

Same Dimension

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



4280817176



4281538331



4280818966



4279505427



4283695113



4292083736

Inverse Universe

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



4280817176



4281538331



4279640360



4279505427



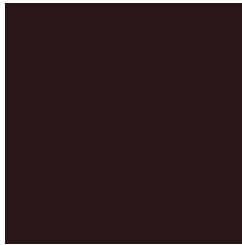
4283695113



4292083736

Previews

White Background



This preview shows how the Android color 4280817176 looks on a white background.

Color Contrast Check

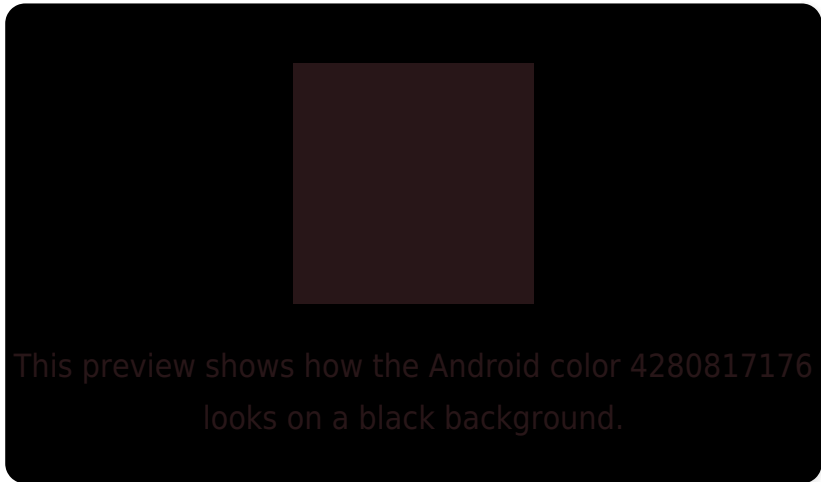
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280817176 Background



This preview shows how black text looks on a background with the Android color 4280817176.

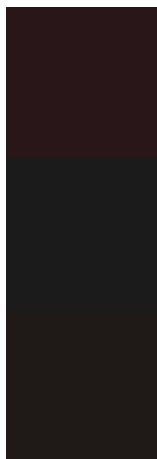


This preview shows how white text looks on a background with the Android color 4280817176.

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

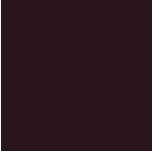
4280817176

Protanopia

4280032027

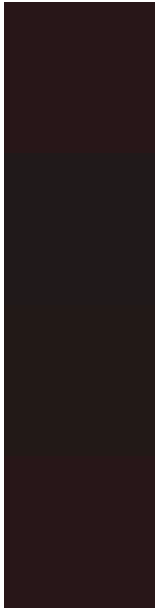
Deuteranopia

4280228375



Tritanopia
4280817176

Trichromacy



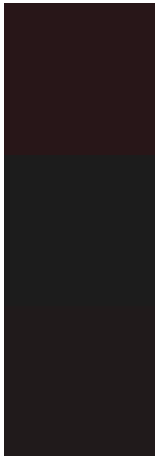
Original Color
4280817176

Protanomaly
4280293658

Deuteranomaly
4280424727

Tritanomaly
4280817176

Monochromacy



Original Color
4280817176

Achromatopsia
4280032284

Achromatomaly
4280293915

CSS Examples

Text

The CSS property to change the color of the text to Android 4280817176 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, 22, 24)` looks like.

```
.text, #text, p{  
    color:rgb(40, 22, 24)  
}
```

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, 22, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 22, 24) }
```

Border

The CSS property to change the border of an element to Android 4280817176 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, 22, 24) }
```

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

```
.border{ border-color:rgb(40, 22, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 22, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 22, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 22, 24);  
box-shadow:4px 4px 4px 4px rgb(40, 22, 24)  
}
```

Background

The CSS property to change the background color of an element to Android 4280817176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 22, 24) }
```

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

```
.background{ background-color: rgb(40, 22,  
24) }
```

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