

Converting Colors

Android(4280224017)

Have a look what the booklet for
Android(4280224017) contains.

Android(4280224017)	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(4280224017)

Conversions

Conversions Part 1

Format	Color
Hex	1F0911
RGB	31, 9, 17
RGB Percent	12%, 4%, 7%
CMY	0.8784, 0.9647, 0.9333
CMYK	0.00, 0.71, 0.45, 0.88
HSL	338°, 55%, 8%
HSV	338°, 71%, 12%
XYZ	0.7639, 0.5272, 0.5918
YIQ	16.4900, 10.5440, 7.1520

Conversions

Conversions Part 2

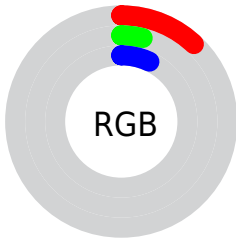
Format	Color
R_{YB}	31, 9, 17
Decimal	2033937
CIE Lab	4.76, 10.77, -0.25
CIE LCh	5, 10.772, 358.644
Yxy	0.5272, 0.4057, 0.2800
Android (android.graphics.Color)	4280224017 (0xFF1F0911)
YUV	16.4900, 0.2514, 12.7253
Hunter-Lab	7.2605, 6.0755, 0.2497

Details

The Android color **4280224017** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **4278787863**, and the grayscale version is **4279242768**.

A 20% lighter version of the original color is **4283053371**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280223247**, and if you desaturate by 10%, it is **4280224787**.

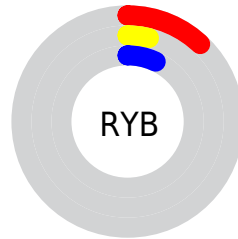
Distribution



Red (12%)

Green (4%)

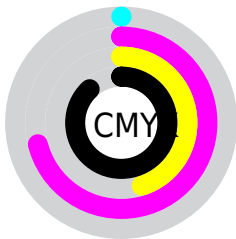
Blue (7%)



Red (12%)

Yellow (4%)

Blue (7%)

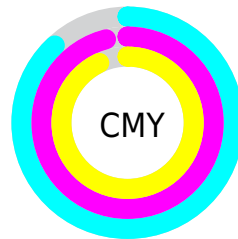


Cyan (0%)

Magenta (71%)

Yellow (45%)

Black (88%)



Cyan (88%)

Magenta (96%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280224017 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 4280224017 by changing the saturation by 10% instead.

 4280224017

 4280224017

 4294961649

 4278190080

 4283053371

 4284632146

 4286342251

 4288052612

 4289763230

 4291604921

 4293447124

 4280224017

 4280224017

■ 4280223247

■ 4280224787

■ 4280222477

■ 4280225557

■ 4280221707

■ 4280226327

■ 4280227097

■ 4280227867

■ 4280228893

■ 4280229663

■ 4280230433

■ 4280231203

Harmonies

Analogous

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



4279896857



4280224017



4280289797

Triad

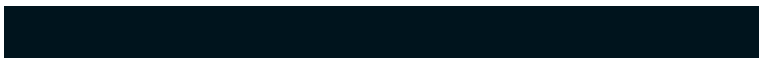
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280224017



4279046656



4278195229

Complementary

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



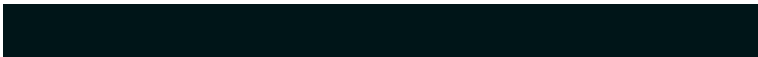
4280224017



4278787863

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.



4278195480



4280224017



4278195459

Square

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



4280224017



4279701248



4278195727



4278456607

Rectangle

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



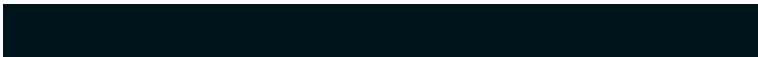
4280224017



4280224512



4278195727



4278195227

Sweetspot

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



4280224017



4280885283



4279699743



4279504657



4287927444



4279505940

Same Dimension

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



4280224017



4280878611



4280224777



4279176718



4283367453



4291756107

Inverse Universe

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



4280224017



4280878611



4278787103



4279176718



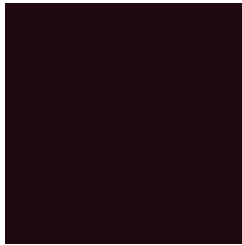
4283367453



4291756107

Previews

White Background



This preview shows how the Android color 4280224017 looks on a white background.

Color Contrast Check

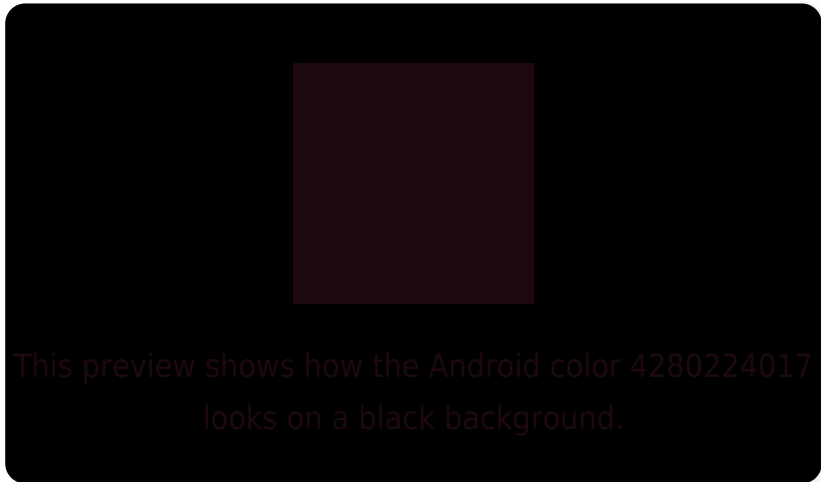
Large Text (above 18pt) WCAG AA ✓ Pass

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

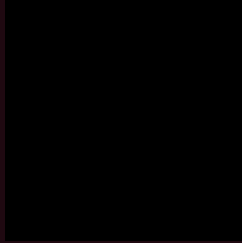
Any Text WCAG AA × Fail

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 4280224017 Background



This preview shows how black text looks on a background with the Android color 4280224017.



This preview shows how white text looks on a background with the Android color 4280224017.

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

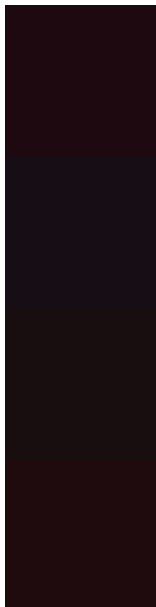


Original Color
4280224017

Protanopia
4279308566

Deuteranopia
4279505168

Trichromacy



Original Color

4280224017

Protanomaly

4279635476

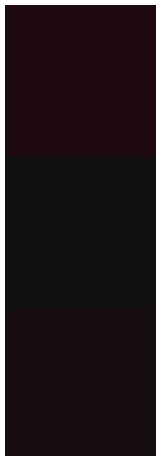
Deuteranomaly

4279766544

Tritanomaly

4280224269

Monochromacy



Original Color

4280224017

Achromatopsia

4279242768

Achromatomaly

4279569680

CSS Examples

Text

The CSS property to change the color of the text to Android 4280224017 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, 9, 17)` looks like.

```
.text, #text, p{  
    color:rgb(31, 9, 17)  
}
```

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, 9, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 9, 17) }
```

Border

The CSS property to change the border of an element to Android 4280224017 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, 9, 17) }
```

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

```
.border{ border-color:rgb(31, 9, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 9, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 9, 17); -webkit-box-shadow:4px  
4px 4px 4px rgb(31, 9, 17); box-shadow:4px  
4px 4px 4px rgb(31, 9, 17) }
```

Background

The CSS property to change the background color of an element to Android 4280224017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 9, 17) }
```

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

```
.background{ background-color: rgb(31, 9,  
17) }
```

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