

Converting Colors

Android(4280223751)

Have a look what the booklet for
Android(4280223751) contains.

Android(4280223751)	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(4280223751)

Conversions

Conversions Part 1

Format	Color
Hex	1F0807
RGB	31, 8, 7
RGB Percent	12%, 3%, 3%
CMY	0.8784, 0.9686, 0.9725
CMYK	0.00, 0.74, 0.77, 0.88
HSL	2°, 63%, 7%
HSV	2°, 77%, 12%
XYZ	0.6903, 0.4803, 0.2573
YIQ	14.7630, 14.0290, 4.5650

Conversions

Conversions Part 2

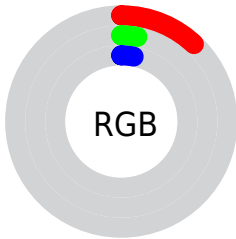
Format	Color
RYB	31, 8, 7
Decimal	2033671
CIELab	4.34, 9.57, 3.80
CIElCh	4, 10.301, 21.645
Yxy	0.4803, 0.4834, 0.3364
Android (android.graphics.Color)	4280223751 (0xFF1F0807)
YUV	14.7630, -3.8272, 14.2398
Hunter-Lab	6.9305, 5.6499, 2.6498

Details

The Android color **4280223751** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **4278656543**, and the grayscale version is **4279176975**.

A 20% lighter version of the original color is **4283053364**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280222980**, and if you desaturate by 10%, it is **4280224522**.

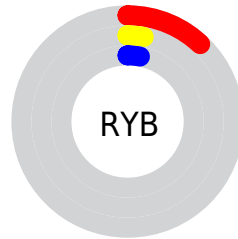
Distribution



Red (12%)

Green (3%)

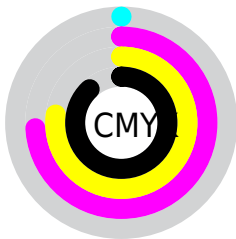
Blue (3%)



Red (12%)

Yellow (3%)

Blue (3%)

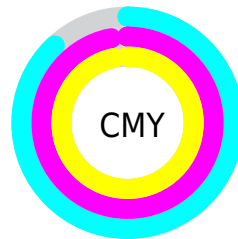


Cyan (0%)

Magenta (74%)

Yellow (77%)

Black (88%)



Cyan (88%)

Magenta (97%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280223751 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 4280223751 by changing the saturation by 10% instead.

 4280223751

 4280223751

 4294961384

 4278190080

 4283053364

 4284631883

 4286276451

 4287986812

 4289762966

 4291604912

 4293446860

 4280223751

 4280223751

■ 4280222980

■ 4280224522

■ 4280222209

■ 4280225293

■ 4280221952

■ 4280226064

■ 4280226835

■ 4280227607

■ 4280228378

■ 4280229149

■ 4280229920

■ 4280230691

Harmonies

Analogous

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



4280092690



4280223751



4280093184

Triad

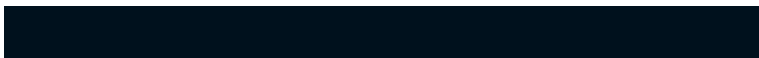
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280223751



4278326016



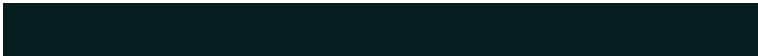
4278194461

Complementary

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



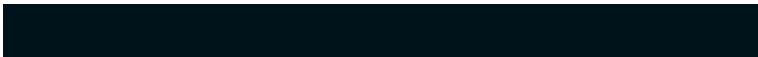
4280223751



4278656543

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.



4278194971



4280223751



4278195212

Square

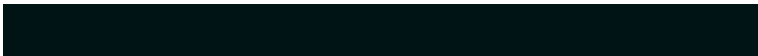
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4280223751



4279111936



4278195221



4279110941

Rectangle

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



4280223751



4279831552



4278195221



4278194717

Sweetspot

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



4280223751



4280885279



4280223518



4279504655



4287927444



4279505940

Same Dimension

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



4280223751



4280878083



4280226823



4279176718



4283368192



4291758336

Inverse Universe

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



4278656543



4278396713



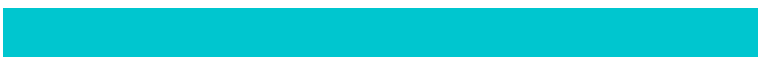
4278653471



4279111439



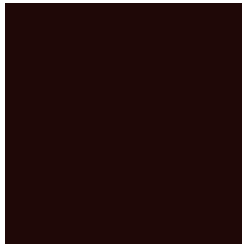
4278209615



4278240975

Previews

White Background



This preview shows how the Android color 4280223751 looks on a white background.

Color Contrast Check

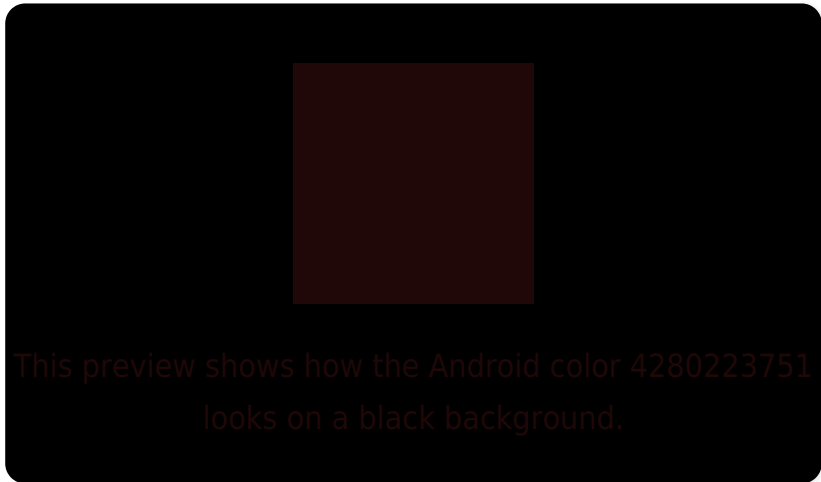
Large Text (above 18pt) WCAG AA ✓ Pass

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

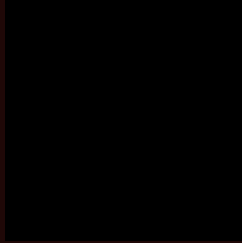
Any Text WCAG AA × Fail

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 4280223751 Background



This preview shows how black text looks on a background with the Android color 4280223751.

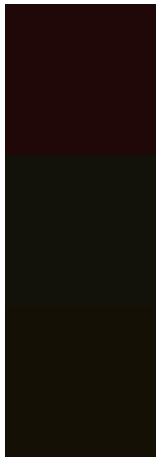


This preview shows how white text looks on a background with the Android color 4280223751.

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

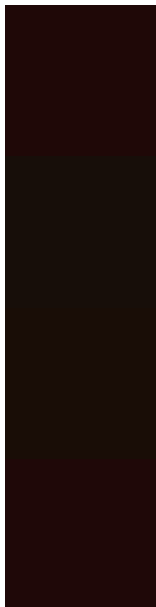


Original Color
4280223751

Protanopia
4279374090

Deuteranopia
4279570437

Trichromacy



Original Color

4280223751

Protanomaly

4279701001

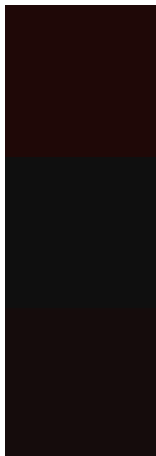
Deuteranomaly

4279831814

Tritanomaly

4280223752

Monochromacy



Original Color

4280223751

Achromatopsia

4279176975

Achromatomaly

4279569420

CSS Examples

Text

The CSS property to change the color of the text to Android 4280223751 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, 8, 7)` looks like.

```
.text, #text, p{  
    color:rgb(31, 8, 7)  
}
```

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, 8, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 8, 7) }
```

Border

The CSS property to change the border of an element to Android 4280223751 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, 8, 7) }
```

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

```
.border{ border-color:rgb(31, 8, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 8, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 8, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(31, 8, 7); box-shadow:4px  
4px 4px 4px rgb(31, 8, 7) }
```

Background

The CSS property to change the background color of an element to Android 4280223751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 8, 7) }
```

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

```
.background{ background-color: rgb(31, 8,  
7) }
```

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