

Converting Colors

Android(4281009951)

Have a look what the booklet for
Android(4281009951) contains.

Android(4281009951)	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(4281009951)

Conversions

Conversions Part 1

Format	Color
Hex	2B071F
RGB	43, 7, 31
RGB Percent	17%, 3%, 12%
CMY	0.8314, 0.9725, 0.8784
CMYK	0.00, 0.84, 0.28, 0.83
HSL	320°, 72%, 10%
HSV	320°, 84%, 17%
XYZ	1.3196, 0.7645, 1.3743
YIQ	20.5000, 13.7520, 15.0960

Conversions

Conversions Part 2

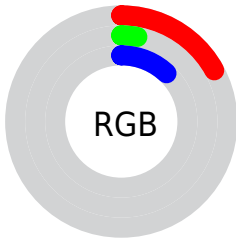
Format	Color
RYB	43, 7, 31
Decimal	2819871
CIELab	6.91, 21.44, -7.07
CIELCh	7, 22.578, 341.740
Yxy	0.7645, 0.3816, 0.2211
Android (android.graphics.Color)	4281009951 (0xFF2B071F)
YUV	20.5000, 5.1765, 19.7325
Hunter-Lab	8.7434, 11.6382, -3.1991

Details

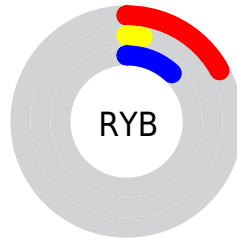
The Android color **4281009951** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **4278659859**, and the grayscale version is **4279505940**.

A 20% lighter version of the original color is **4284101451**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4281008926**, and if you desaturate by 10%, it is **4281010976**.

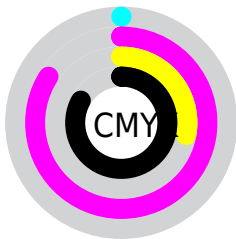
Distribution



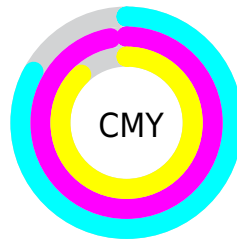
- Red (17%)
- Green (3%)
- Blue (12%)



- Red (17%)
- Yellow (3%)
- Blue (12%)



- Cyan (0%)
- Magenta (84%)
- Yellow (28%)
- Black (83%)



- Cyan (83%)
- Magenta (97%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281009951 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 4281009951 by changing the saturation by 10% instead.



4281009951



4281009951



4294961407



4279304197



4284101451



4278190080



4285745763



4287455868



4289232021



4291073712



4292915403



4294823144



4281009951



4281009951

■ 4281008926

■ 4281010976

■ 4281008157

■ 4281012258

■ 4281013283

■ 4281014309

■ 4281015590

■ 4281016616

■ 4281017641

■ 4281018666

■ 4281019948

Harmonies

Analogous

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



4280094252



4281009951



4281337103

Triad

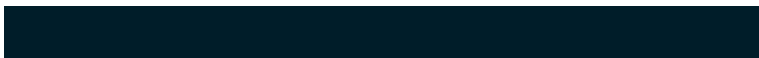
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4281009951



4279637760



4278197545

Complementary

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



4281009951



4278659859

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.



4278197787



4281009951



4278196992

Square

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



4281009951



4280553728



4278197511



4278196785

Rectangle

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



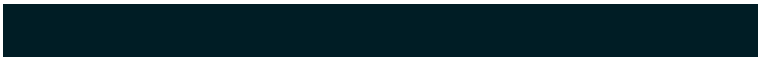
4281009951



4281272064



4278197511



4278197541

Sweetspot

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



4281009951



4281870899



4279437099



4280030233



4288453788



4280032284

Same Dimension

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



4281009951



4281860133



4281009933



4279505428



4283695160



4292083853

Inverse Universe

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



4281009951



4281860133



4278659877



4279505428



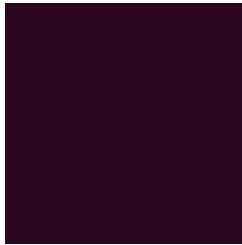
4283695160



4292083853

Previews

White Background



This preview shows how the Android color 4281009951 looks on a white background.

Color Contrast Check

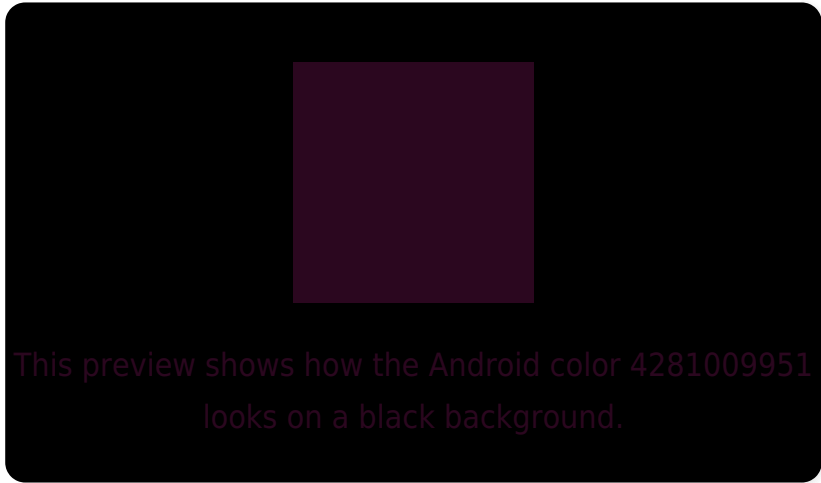
Large Text (above 18pt) WCAG AA ✓ Pass

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

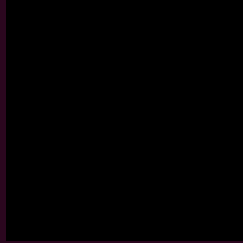
Any Text WCAG AA × Fail

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 4281009951 Background



This preview shows how black text looks on a background with the Android color 4281009951.



This preview shows how white text looks on a background with the Android color 4281009951.

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
4281009951

Protanopia
4279113515

Deuteranopia
4279703325

Trichromacy



Original Color
4281009951

Protanomaly
4279832871

Deuteranomaly
4280160542

Tritanomaly
4280945428

Monochromacy



Original Color
4281009951

Achromatopsia
4279571733

Achromatomaly
4280094745

CSS Examples

Text

The CSS property to change the color of the text to Android 4281009951 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(43, 7, 31)` looks like.

```
.text, #text, p{  
    color:rgb(43, 7, 31)  
}
```

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(43, 7, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 7, 31) }
```

Border

The CSS property to change the border of an element to Android 4281009951 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(43, 7, 31) }
```

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

```
.border{ border-color:rgb(43, 7, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 7, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 7, 31); -webkit-box-shadow:4px  
4px 4px 4px rgb(43, 7, 31); box-shadow:4px  
4px 4px 4px rgb(43, 7, 31) }
```

Background

The CSS property to change the background color of an element to Android 4281009951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 7, 31) }
```

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

```
.background{ background-color: rgb(43, 7,  
31) }
```

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