

Converting Colors

Android(4281733149)

Have a look what the booklet for
Android(4281733149) contains.

Android(4281733149)	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(4281733149)

Conversions

Conversions Part 1

Format	Color
Hex	36101D
RGB	54, 16, 29
RGB Percent	21%, 6%, 11%
CMY	0.7882, 0.9373, 0.8863
CMYK	0.00, 0.70, 0.46, 0.79
HSL	339°, 54%, 14%
HSV	339°, 70%, 21%
XYZ	1.9284, 1.2436, 1.3008
YIQ	28.8440, 18.4750, 12.0990

Conversions

Conversions Part 2

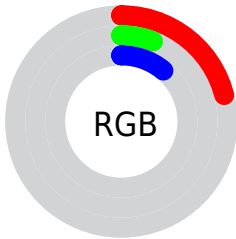
Format	Color
R_{YB}	54, 16, 29
Decimal	3543069
CIE _{Lab}	10.87, 20.53, 0.62
CIE _{LCh}	11, 20.540, 1.717
Yxy	1.2436, 0.4311, 0.2780
Android (android.graphics.Color)	4281733149 (0xFF36101D)
YUV	28.8440, 0.0769, 22.0618
Hunter-Lab	11.1515, 11.3521, 0.8900

Details

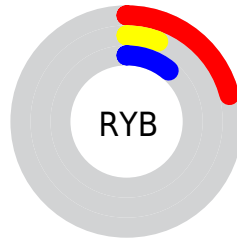
The Android color **4281733149** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **4279252521**, and the grayscale version is **4280098077**.

A 20% lighter version of the original color is **4284955720**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4281731865**, and if you desaturate by 10%, it is **4281734433**.

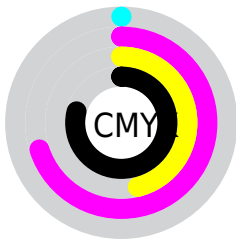
Distribution



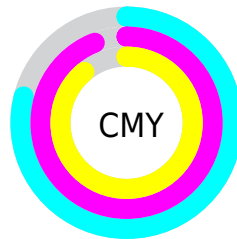
- Red (21%)
- Green (6%)
- Blue (11%)



- Red (21%)
- Yellow (6%)
- Blue (11%)



- Cyan (0%)
- Magenta (70%)
- Yellow (46%)
- Black (79%)





- Cyan (79%)
- Magenta (94%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281733149 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 4281733149 by changing the saturation by 10% instead.

 4281733149

 4281733149

 4294964479

 4280549379

 4284955720

 4278190080

 4286665824


 4288375929

 4290152082

 4291993773

 4293901256

 4294957028

 4281733149

 4281733149

■ 4281731865

■ 4281734433

■ 4281730326

■ 4281735972

■ 4281729042

■ 4281737256

■ 4281738795

■ 4281740079

■ 4281741362

■ 4281742902

■ 4281744185

■ 4281745725

Harmonies

Analogous

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



4281275179



4281733149



4281733646

Triad

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



4281733149



4279771392



4278198838

Complementary

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



4281733149



4279252521

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.



4278199340



4281733149



4278330126

Square

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



4281733149



4280622336



4278199326



4278198073

Rectangle

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



4281733149



4281472257



4278199326



4278199091

Sweetspot

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



4281733149



4282857534



4280881206



4280556318



4288914339



4280558628

Same Dimension

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



4281733149



4282845984



4281734672



4280031514



4284219423



4292542539

Inverse Universe

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



4281733149



4282845984



4279250998



4280031514



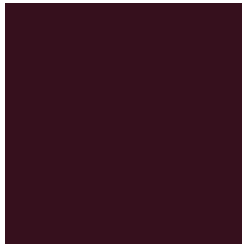
4284219423



4292542539

Previews

White Background



This preview shows how the Android color 4281733149 looks on a white background.

Color Contrast Check

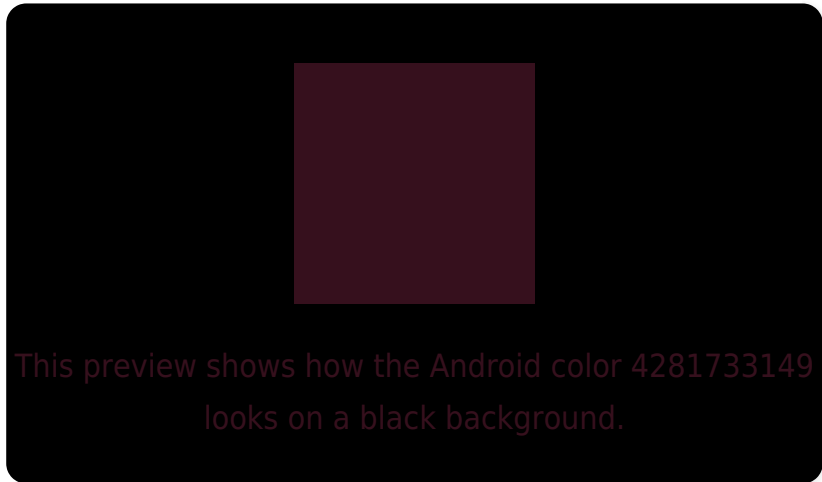
Large Text (above 18pt) WCAG AA ✓ Pass

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

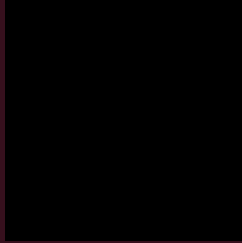
Any Text WCAG AA × Fail

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 4281733149 Background



This preview shows how black text looks on a background with the Android color 4281733149.



This preview shows how white text looks on a background with the Android color 4281733149.

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
4281733149

Protanopia
4280098341

Deuteranopia
4280491547

Trichromacy



Original Color

4281733149

Protanomaly

4280686882

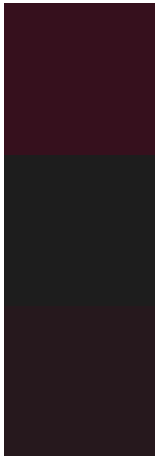
Deuteranomaly

4280949020

Tritanomaly

4281667863

Monochromacy



Original Color

4281733149

Achromatopsia

4280098077

Achromatomaly

4280686621

CSS Examples

Text

The CSS property to change the color of the text to Android 4281733149 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(54, 16, 29) looks like.

```
.text, #text, p{  
    color:rgb(54, 16, 29)  
}
```

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(54, 16, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 16, 29) }
```

Border

The CSS property to change the border of an element to Android 4281733149 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(54, 16, 29) }
```

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

```
.border{ border-color:rgb(54, 16, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 16, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 16, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 16, 29);  
box-shadow:4px 4px 4px 4px rgb(54, 16, 29)  
}
```

Background

The CSS property to change the background color of an element to Android 4281733149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 16, 29) }
```

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

```
.background{ background-color: rgb(54, 16,  
29) }
```

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