

Converting Colors

Android(4280221733)

Have a look what the booklet for
Android(4280221733) contains.

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Color

Android(4280221733)

Conversions

Conversions Part 1

Format	Color
Hex	1F0025
RGB	31, 0, 37
RGB Percent	12%, 0%, 15%
CMY	0.8784, 1.0000, 0.8549
CMYK	0.16, 1.00, 0.00, 0.85
HSL	290°, 100%, 7%
HSV	290°, 100%, 15%
XYZ	0.8990, 0.4249, 1.7849
YIQ	13.4870, 6.5990, 18.0790

Conversions

Conversions Part 2

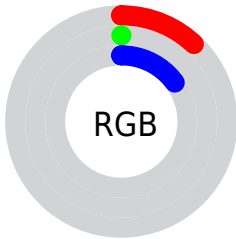
Format	Color
R_{YB}	31, 0, 37
Decimal	2031653
CIE Lab	3.84, 20.23, -16.60
CIE LCh	4, 26.173, 320.629
Yxy	0.4249, 0.2892, 0.1367
Android (android.graphics.Color)	4280221733 (0xFF1F0025)
YUV	13.4870, 11.5919, 15.3589
Hunter-Lab	6.5183, 13.2119, -11.6725

Details

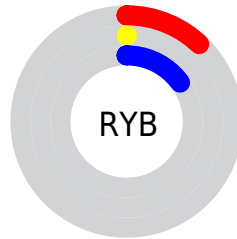
The Android color **4280221733** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **4278592768**, and the grayscale version is **4279045389**.

A 20% lighter version of the original color is **4283117138**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280221733**, and if you desaturate by 10%, it is **4280288293**.

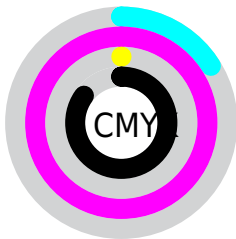
Distribution



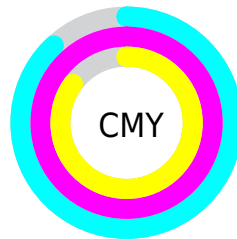
- Red (12%)
- Green (0%)
- Blue (15%)



- Red (12%)
- Yellow (0%)
- Blue (15%)



- Cyan (16%)
- Magenta (100%)
- Yellow (0%)
- Black (85%)



- Cyan (88%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280221733 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 4280221733 by changing the saturation by 10% instead.

 4280221733

 4280221733

 4294959615

 4278190350

 4283117138


 4278190080

 4284695914

 4286340483

 4288050846

 4289826744

 4291668692

 4293510641

 4280221733

■ 4280288293

■ 4280289061

■ 4280355621

■ 4280356645

■ 4280423205

■ 4280489509

■ 4280490533

■ 4280557093

■ 4280557861

Harmonies

Analogous

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



4278192687



4280221733



4281008149

Triad

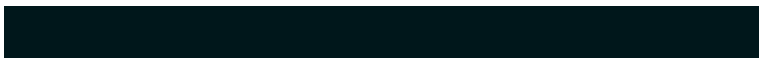
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280221733



4279831040



4278195995

Complementary

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



4280221733



4278592768

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.



4278195715



4280221733



4278194688

Square

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



4280221733



4280680448



4278195712



4278196265

Rectangle

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



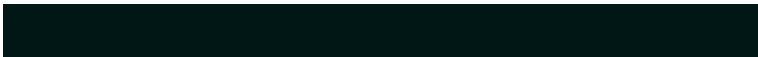
4280221733



4281139203



4278195712



4278195989

Sweetspot

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



4280221733



4281213488



4278191653



4279767066



4288256409



4279900698

Same Dimension

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



4280221733



4280877104



4280614937



4279373842



4282646610



4289659089

Inverse Universe

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



4280614918



4281335816



4278199564



4279373840



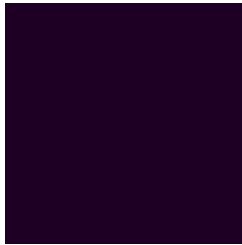
4283564045



4291887138

Previews

White Background



This preview shows how the Android color 4280221733 looks on a white background.

Color Contrast Check

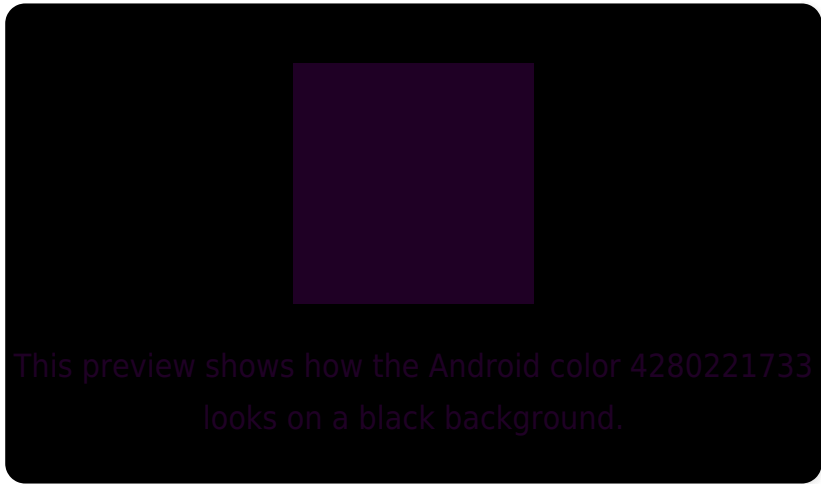
Large Text (above 18pt) WCAG AA ✓ Pass

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

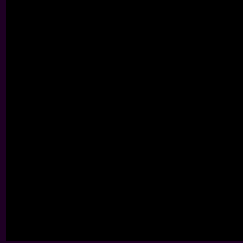
Any Text WCAG AA × Fail

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 4280221733 Background



This preview shows how black text looks on a background with the Android color 4280221733.



This preview shows how white text looks on a background with the Android color 4280221733.

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
4280221733

Protanopia
4278194726

Deuteranopia
4278194978

Trichromacy



Original Color
4280221733

Protanomaly
4278913830

Deuteranomaly
4278914083

Tritanomaly
4280092952

Monochromacy



Original Color
4280221733

Achromatopsia
4279045389

Achromatomaly
4279502870

CSS Examples

Text

The CSS property to change the color of the text to Android 4280221733 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, 0, 37)` looks like.

```
.text, #text, p{  
    color:rgb(31, 0, 37)  
}
```

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, 0, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 0, 37) }
```

Border

The CSS property to change the border of an element to Android 4280221733 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, 0, 37) }
```

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

```
.border{ border-color:rgb(31, 0, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 0, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 0, 37); -webkit-box-shadow:4px  
4px 4px 4px rgb(31, 0, 37); box-shadow:4px  
4px 4px 4px rgb(31, 0, 37) }
```

Background

The CSS property to change the background color of an element to Android 4280221733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 0, 37) }
```

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

```
.background{ background-color: rgb(31, 0,  
37) }
```

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](#).

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