

Converting Colors

Android(4280418338)

Have a look what the booklet for
Android(4280418338) contains.

Android(4280418338)	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(4280418338)

Conversions

Conversions Part 1

Format	Color
Hex	220022
RGB	34, 0, 34
RGB Percent	13%, 0%, 13%
CMY	0.8667, 1.0000, 0.8667
CMYK	0.00, 1.00, 0.00, 0.87
HSL	300°, 100%, 7%
HSV	300°, 100%, 13%
XYZ	0.9484, 0.4556, 1.5513
YIQ	14.0420, 9.3500, 17.7820

Conversions

Conversions Part 2

Format	Color
R_{YB}	34, 0, 34
Decimal	2228258
CIE _{Lab}	4.12, 20.94, -13.80
CIE _{LCh}	4, 25.081, 326.608
Yxy	0.4556, 0.3209, 0.1542
Android (android.graphics.Color)	4280418338 (0xFF220022)
YUV	14.0420, 9.8393, 17.5032
Hunter-Lab	6.7496, 13.2700, -8.9024

Details

The Android color **4280418338** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **4278198784**, and the grayscale version is **4279111182**.

A 20% lighter version of the original color is **4283313742**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280418338**, and if you desaturate by 10%, it is **4280419106**.

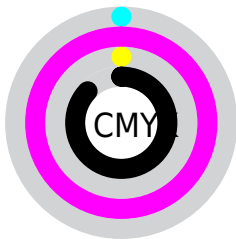
Distribution



- Red (13%)
- Green (0%)
- Blue (13%)



- Red (13%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (87%)



- Cyan (87%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280418338 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 4280418338 by changing the saturation by 10% instead.

 4280418338

 4280418338

 4294959615

 4278190089

 4283313742

 4278190080

 4284958054

 4286602623

 4288378265

 4290154420

 4291996368

 4293838316

 4280418338

■ 4280419106

■ 4280420130

■ 4280420898

■ 4280421922

■ 4280422690

■ 4280423458

■ 4280424482

■ 4280425250

■ 4280426274

Harmonies

Analogous

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



4278913325



4280418338



4281008146

Triad

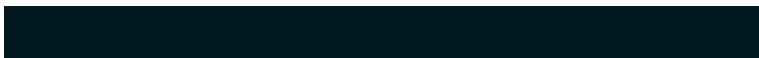
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280418338



4279635200



4278196254

Complementary

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



4280418338



4278198784

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.



4278195979



4280418338



4278195200

Square

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



4280418338



4280550400



4278195968



4278196011

Rectangle

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



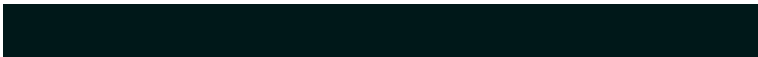
4280418338



4281139200



4278195968



4278196249

Sweetspot

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



4280418338



4281015851



4278190114



4279701271



4288059030



4279703319

Same Dimension

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



4280418338



4281008171



4280418321



4279373842



4283564114



4291887313

Inverse Universe

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



4280418338



4281008171



4278198801



4279373842



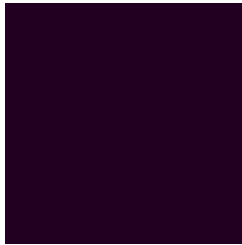
4283564114



4291887313

Previews

White Background



This preview shows how the Android color 4280418338 looks on a white background.

Color Contrast Check

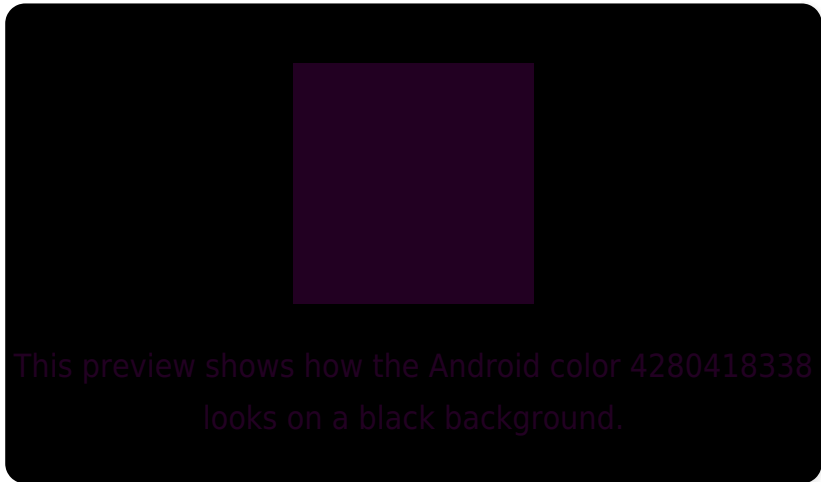
Large Text (above 18pt) WCAG AA ✓ Pass

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

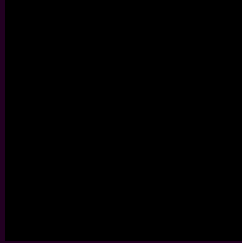
Any Text WCAG AA × Fail

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 4280418338 Background



This preview shows how black text looks on a background with the Android color 4280418338.



This preview shows how white text looks on a background with the Android color 4280418338.

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

4280418338

Protanopia

4278194984

Deuteranopia

4278981664

Trichromacy



Original Color
4280418338

Protanomaly
4278979622

Deuteranomaly
4279504161

Tritanomaly
4280354837

Monochromacy



Original Color
4280418338

Achromatopsia
4279111182

Achromatomaly
4279568661

CSS Examples

Text

The CSS property to change the color of the text to Android 4280418338 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(34, 0, 34)` looks like.

```
.text, #text, p{  
    color:rgb(34, 0, 34)  
}
```

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(34, 0, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 0, 34) }
```

Border

The CSS property to change the border of an element to Android 4280418338 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(34, 0, 34) }
```

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

```
.border{ border-color:rgb(34, 0, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 0, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 0, 34); -webkit-box-shadow:4px  
4px 4px 4px rgb(34, 0, 34); box-shadow:4px  
4px 4px 4px rgb(34, 0, 34) }
```

Background

The CSS property to change the background color of an element to Android 4280418338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 0, 34) }
```

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

```
.background{ background-color: rgb(34, 0,  
34) }
```

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