

Converting Colors

Android(4280949048)

Have a look what the booklet for
Android(4280949048) contains.

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Color

Android(4280949048)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 2A1938 |
| RGB | 42, 25, 56 |
| RGB Percent | 16%, 10%, 22% |
| CMY | 0.8353, 0.9020, 0.7804 |
| CMYK | 0.25, 0.55, 0.00, 0.78 |
| HSL | 273°, 38%, 16% |
| HSV | 273°, 55%, 22% |
| XYZ | 2.0163, 1.4730, 3.9194 |
| YIQ | 33.6170, 0.1810, 13.2450 |

Conversions

Conversions Part 2

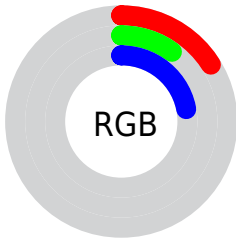
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 42, 25, 56 |
| Decimal | 2758968 |
| CIE _{Lab} | 12.44, 15.85, -17.01 |
| CIE _{LCh} | 12, 23.247, 312.970 |
| Yxy | 1.4730, 0.2721, 0.1988 |
| Android (android.graphics.Color) | 4280949048 (0xFF2A1938) |
| YUV | 33.6170, 11.0348, 7.3519 |
| Hunter-Lab | 12.1368, 8.4147, -10.6512 |

Details

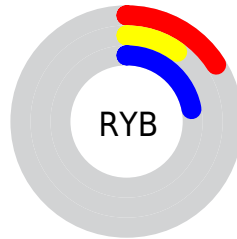
The Android color **4280949048** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **4280760345**, and the grayscale version is **4280427042**.

A 20% lighter version of the original color is **4283975015**, and **4278190090** is the 20% darker color. If you saturate the color by 10%, you get **4280750904**, and if you desaturate by 10%, it is **4281147192**.

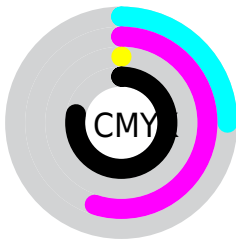
Distribution



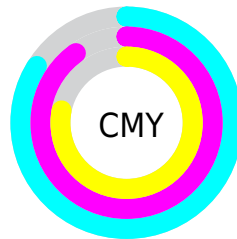
- Red (16%)
- Green (10%)
- Blue (22%)



- Red (16%)
- Yellow (10%)
- Blue (22%)



- Cyan (25%)
- Magenta (55%)
- Yellow (0%)
- Black (78%)



- Cyan (84%)
- Magenta (90%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280949048 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 4280949048 by changing the saturation by 10% instead.

 4280949048

 4280949048

 4294966783

 4279697443

 4283975015

 4278190090

 4285619328

 4278190080

 4287329690

 4289040309

 4290882001

 4292723949

 4294566143

 4280949048

 4280949048

■ 4280750904

■ 4281147192

■ 4280618552

■ 4281279544

■ 4280420408

■ 4281477688

■ 4280288056

■ 4281610040

■ 4280221752

■ 4281808184

■ 4281940792

■ 4282138680

■ 4282271288

■ 4282469176

Harmonies

Analogous

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



4278984768



4280949048



4281930282

Triad

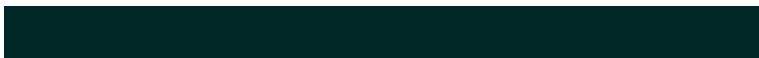
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280949048



4281408512



4278200359

Complementary

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



4280949048



4280760345

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.



4278200086



4280949048



4280492544

Square

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



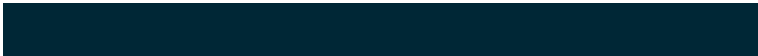
4280949048



4281996808



4279313667



4278200118

Rectangle

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



4280949048



4282192159



4279313667



4278200354

Sweetspot

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



4280949048



4282662218



4279838520



4280491814



4289111718



4280690214

Same Dimension

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



4280949048



4281604426



4281866551



4279965980



4281466972



4286054619

Inverse Universe

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



4281866535



4283046191



4279842842



4280031515



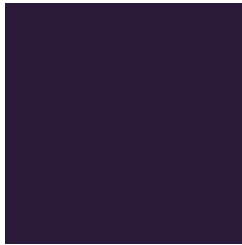
4284219433



4292542563

Previews

White Background



This preview shows how the Android color 4280949048 looks on a white background.

Color Contrast Check

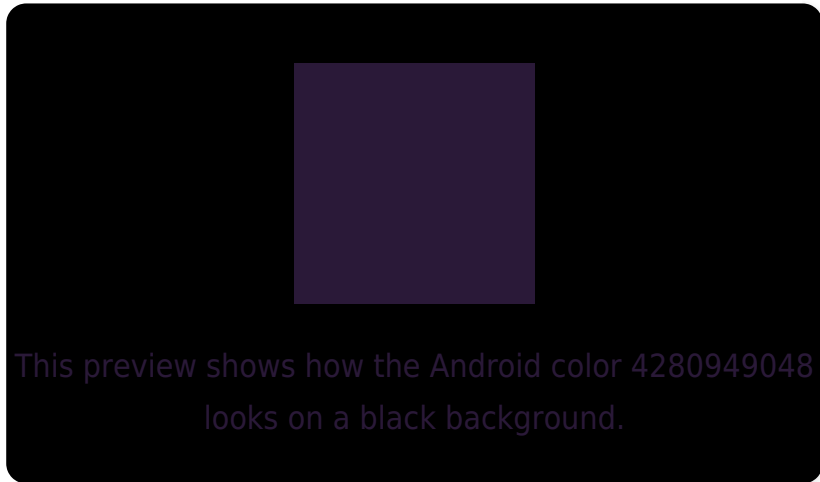
Large Text (above 18pt) WCAG AA ✓ Pass

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

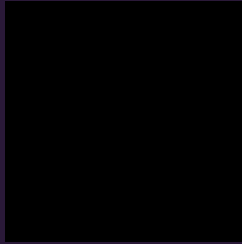
Any Text WCAG AA × Fail

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 4280949048 Background



This preview shows how black text looks on a background with the Android color 4280949048.



This preview shows how white text looks on a background with the Android color 4280949048.

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

4280949048

Protanopia

4279181375

Deuteranopia

4279443766

Trichromacy



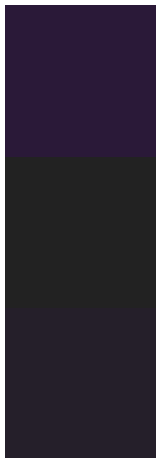
Original Color
4280949048

Protanomaly
4279835964

Deuteranomaly
4279967287

Tritanomaly
4280753449

Monochromacy



Original Color
4280949048

Achromatopsia
4280427042

Achromatomaly
4280622890

CSS Examples

Text

The CSS property to change the color of the text to Android 4280949048 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(42, 25, 56)` looks like.

```
.text, #text, p{  
    color:rgb(42, 25, 56)  
}
```

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(42, 25, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 25, 56) }
```

Border

The CSS property to change the border of an element to Android 4280949048 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(42, 25, 56) }
```

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

```
.border{ border-color:rgb(42, 25, 56) }
```

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

Here you see how a box with a 4 pixel rgb(42, 25, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 25, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 25, 56);  
box-shadow:4px 4px 4px 4px rgb(42, 25, 56)  
}
```

Background

The CSS property to change the background color of an element to Android 4280949048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 25, 56) }
```

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

```
.background{ background-color: rgb(42, 25,  
56) }
```

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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