

Converting Colors

Android(4280682033)

Have a look what the booklet for
Android(4280682033) contains.

Android(4280682033)	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(4280682033)

Conversions

Conversions Part 1

Format	Color
Hex	260631
RGB	38, 6, 49
RGB Percent	15%, 2%, 19%
CMY	0.8510, 0.9765, 0.8078
CMYK	0.22, 0.88, 0.00, 0.81
HSL	285°, 78%, 11%
HSV	285°, 88%, 19%
XYZ	1.4188, 0.7641, 2.9784
YIQ	20.4700, 5.2690, 20.1570

Conversions

Conversions Part 2

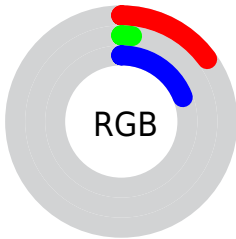
Format	Color
R_YB	38, 6, 49
Decimal	2491953
CIE Lab	6.90, 24.40, -20.78
CIE LCh	7, 32.045, 319.584
Yxy	0.7641, 0.2749, 0.1480
Android (android.graphics.Color)	4280682033 (0xFF260631)
YUV	20.4700, 14.0653, 15.3738
Hunter-Lab	8.7411, 13.6767, -14.0836

Details

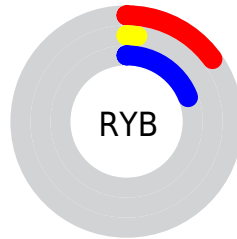
The Android color **4280682033** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **4279316742**, and the grayscale version is **4279505940**.

A 20% lighter version of the original color is **4283773536**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280615217**, and if you desaturate by 10%, it is **4280748849**.

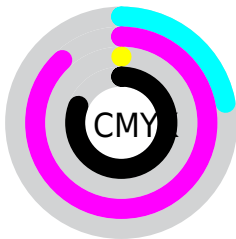
Distribution



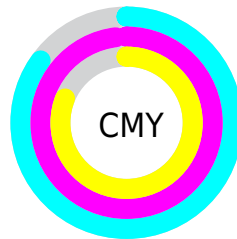
- Red (15%)
- Green (2%)
- Blue (19%)



- Red (15%)
- Yellow (2%)
- Blue (19%)



- Cyan (22%)
- Magenta (88%)
- Yellow (0%)
- Black (81%)



- Cyan (85%)
- Magenta (98%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280682033 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 4280682033 by changing the saturation by 10% instead.

 4280682033

 4280682033

 4294961151

 4278911004

 4283773536

 4278190080

 4285417848

 4287128210

 4288838573

 4290614728

 4292522213

 4294364159

 4280682033

 4280682033

■ 4280615217

■ 4280748849

■ 4280549425

■ 4280881201

■ 4280948017

■ 4281014833

■ 4281081649

■ 4281213745

■ 4281280561

■ 4281347377

■ 4281414193

Harmonies

Analogous

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



4278195006



4280682033



4281729054

Triad

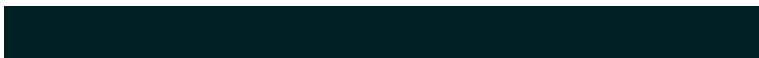
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280682033



4280422912



4278198563

Complementary

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



4280682033



4279316742

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.



4278198282



4280682033



4278917376

Square

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



4280682033



4281402880



4278197760



4278198069

Rectangle

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



4280682033



4281925646



4278197760



4278198556

Sweetspot

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



4280682033



4282134336



4278587697



4280227617



4288782753



4280361249

Same Dimension

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



4280682033



4281270336



4281402919



4279834394



4282515545



4288741593

Inverse Universe

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



4281402897



4282384400



4278595856



4279899928



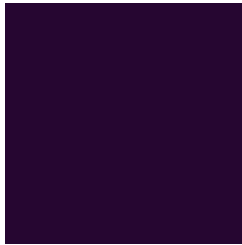
4284022807



4292411447

Previews

White Background



This preview shows how the Android color 4280682033 looks on a white background.

Color Contrast Check

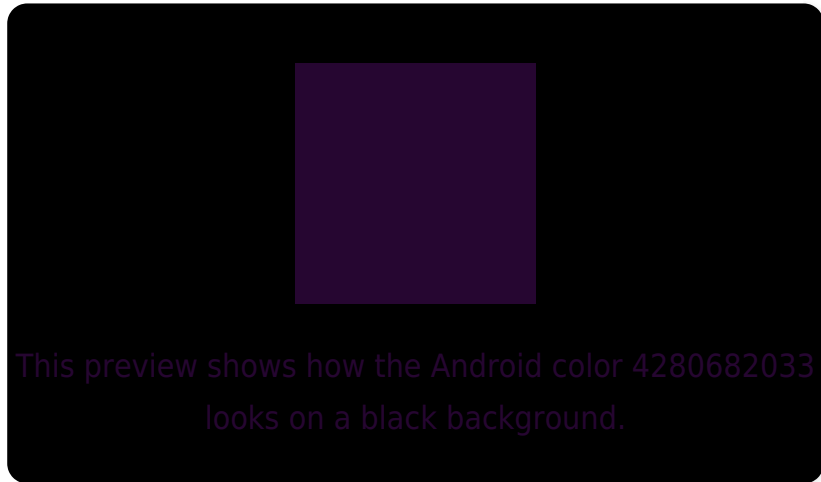
Large Text (above 18pt) WCAG AA ✓ Pass

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

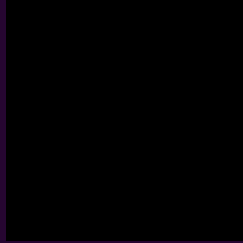
Any Text WCAG AA × Fail

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 4280682033 Background



This preview shows how black text looks on a background with the Android color 4280682033.



This preview shows how white text looks on a background with the Android color 4280682033.

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
4280682033

Protanopia
4278196017

Deuteranopia
4278196267

Trichromacy



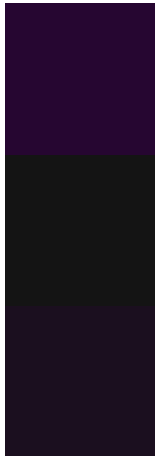
Original Color
4280682033

Protanomaly
4279111985

Deuteranomaly
4279111981

Tritanomaly
4280487711

Monochromacy



Original Color
4280682033

Achromatopsia
4279505940

Achromatomaly
4279963423

CSS Examples

Text

The CSS property to change the color of the text to Android 4280682033 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(38, 6, 49) looks like.

```
.text, #text, p{  
    color:rgb(38, 6, 49)  
}
```

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(38, 6, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 6, 49) }
```

Border

The CSS property to change the border of an element to Android 4280682033 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(38, 6, 49) }
```

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

```
.border{ border-color:rgb(38, 6, 49) }
```

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

Here you see how a box with a 4 pixel rgb(38, 6, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 6, 49); -webkit-box-shadow:4px  
4px 4px 4px rgb(38, 6, 49); box-shadow:4px  
4px 4px 4px rgb(38, 6, 49) }
```

Background

The CSS property to change the background color of an element to Android 4280682033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 6, 49) }
```

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

```
.background{ background-color: rgb(38, 6,  
49) }
```

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