

# Converting Colors

Android(4280418325)

Have a look what the booklet for  
Android(4280418325) contains.

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# Color

**Android(4280418325)**

# Conversions

## Conversions Part 1

Format	Color
Hex	220015
RGB	34, 0, 21
RGB Percent	13%, 0%, 8%
CMY	0.8667, 1.0000, 0.9176
CMYK	0.00, 1.00, 0.38, 0.87
HSL	323°, 100%, 7%
HSV	323°, 100%, 13%
XYZ	0.7950, 0.3942, 0.7437
YIQ	12.5600, 13.5230, 13.7390

# Conversions

## Conversions Part 2

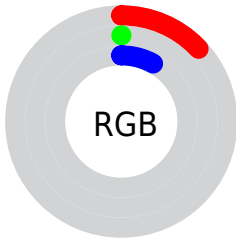
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	34, 0, 21
Decimal	2228245
CIE Lab	3.56, 17.22, -4.50
CIE LCh	4, 17.797, 345.363
Yxy	0.3942, 0.4113, 0.2040
Android (android.graphics.Color)	4280418325 (0xFF220015)
YUV	12.5600, 4.1609, 18.8029
Hunter-Lab	6.2787, 11.6148, -2.6272

# Details

The Android color **4280418325** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **4278198797**, and the grayscale version is **4279045389**.

A 20% lighter version of the original color is **4283313727**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280418325**, and if you desaturate by 10%, it is **4280419094**.

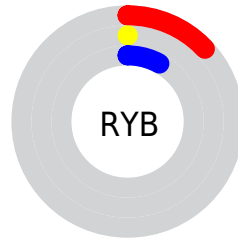
# Distribution



Red (13%)

Green (0%)

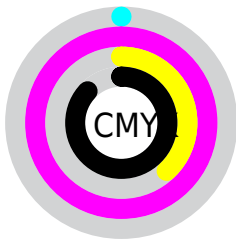
Blue (8%)



Red (13%)

Yellow (0%)

Blue (8%)

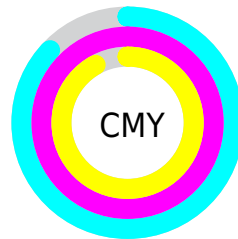


Cyan (0%)

Magenta (100%)

Yellow (38%)

Black (87%)



Cyan (87%)

Magenta (100%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280418325 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 4280418325 by changing the saturation by 10% instead.



 4280418325

 4280418325

 4294959862

 4278190080

 4283313727

 4284892502

 4286602607

 4288312968

 4290089122

 4291930813

 4293773017

 4280418325

■ 4280419094

■ 4280420120

■ 4280420889

■ 4280421914

■ 4280422683

■ 4280423453

■ 4280424478

■ 4280425247

■ 4280426273

# Harmonies

## Analogous

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



4279763999



4280418325



4280680450

# Triad

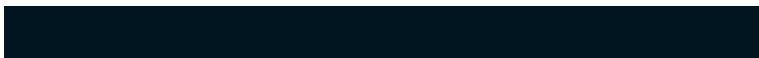
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280418325



4278718208



4278195487

# Complementary

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



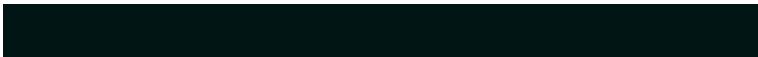
4280418325



4278198797

# 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.



4278195476



4280418325



4278195200

# Square

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



4280418325



4279830784



4278195457



4278194469

# Rectangle

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



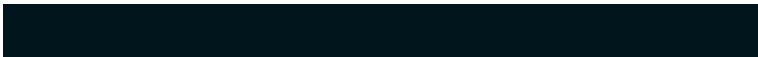
4280418325



4280549632



4278195457



4278195484



# Sweetspot

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



4280418325



4281015846



4278976546



4279701268



4288059030



4279703319



# Same Dimension

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



4280418325



4281008155



4280418309



4279373841



4283564082



4291887233



# Inverse Universe

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



4280418325



4281008155



4278198813



4279373841



4283564082

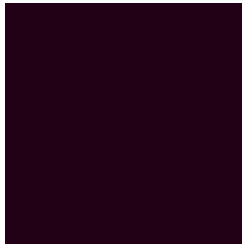


4291887233



# Previews

## White Background



This preview shows how the Android color 4280418325 looks on a white background.

## Color Contrast Check

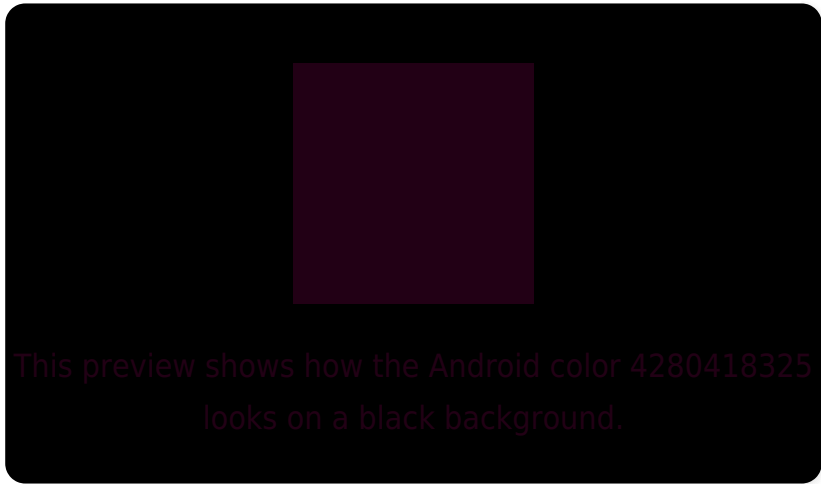
Large Text (above 18pt) WCAG AA ✓ Pass

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

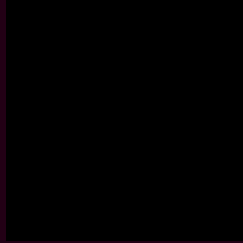
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280418325 Background



This preview shows how black text looks on a background with the Android color 4280418325.



This preview shows how white text looks on a background with the Android color 4280418325.

# 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



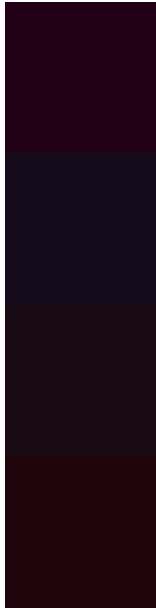
**Original Color**  
4280418325

**Protanopia**  
4279046686

**Deuteranopia**  
4279439636



# Trichromacy



**Original Color**

4280418325

**Protanomaly**

4279569179

**Deuteranomaly**

4279765780

**Tritanomaly**

4280354061

# Monochromacy



**Original Color**

4280418325

**Achromatopsia**

4279045389

**Achromatomaly**

4279568400

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280418325 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, 21)` looks like.

```
.text, #text, p{  
    color:rgb(34, 0, 21)  
}
```

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, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 0, 21) }
```

## Border

The CSS property to change the border of an element to Android 4280418325 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, 21) }
```

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

```
.border{ border-color:rgb(34, 0, 21) }
```

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, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 0, 21); -webkit-box-shadow:4px  
4px 4px 4px rgb(34, 0, 21); box-shadow:4px  
4px 4px 4px rgb(34, 0, 21) }
```

# Background

The CSS property to change the background color of an element to Android 4280418325 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, 21) }
```

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

```
.background{ background-color: rgb(34, 0,  
21) }
```

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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