

# Converting Colors

Android(4281082117)

Have a look what the booklet for  
Android(4281082117) contains.

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**Color**

**Android(4281082117)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2C2105
RGB	44, 33, 5
RGB Percent	17%, 13%, 2%
CMY	0.8275, 0.8706, 0.9804
CMYK	0.00, 0.25, 0.89, 0.83
HSL	43°, 80%, 10%
HSV	43°, 89%, 17%
XYZ	1.6100, 1.6341, 0.3741
YIQ	33.0970, 15.5440, -6.3760

# Conversions

## Conversions Part 2

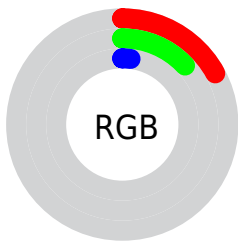
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">20, 44, 5</a>
Decimal	<a href="#">2892037</a>
CIELab	<a href="#">13.44, 1.53, 17.82</a>
CIELCh	<a href="#">13, 17.880, 85.101</a>
Yxy	<a href="#">1.6341, 0.4450, 0.4516</a>
Android (android.graphics.Color)	<a href="#">4281082117 (0xFF2C2105)</a>
YUV	<a href="#">33.0970, -13.8518, 9.5619</a>
Hunter-Lab	<a href="#">12.7834, 0.1097, 7.2130</a>

# Details

The Android color **4281082117** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4278521900**, and the grayscale version is **4280361249**.

A 20% lighter version of the original color is **4284173618**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4281081857**, and if you desaturate by 10%, it is **4281082377**.

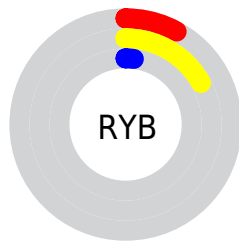
# Distribution



Red (17%)

Green (13%)

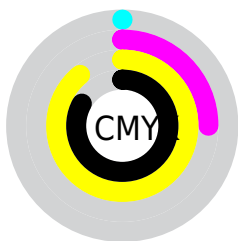
Blue (2%)



Red (8%)

Yellow (17%)

Blue (2%)

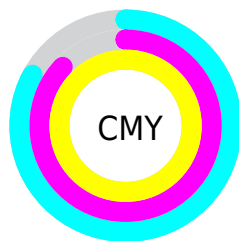


Cyan (0%)

Magenta (25%)

Yellow (89%)

Black (83%)



Cyan (83%)

Magenta (87%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281082117 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 4281082117 by changing the saturation by 10% instead.





4281082117



4281082117



4294967270



4279503616



4284173618



4278190080



4285818185



4287528545



4289239162



4291080852



4292923055



4294830794



4281082117



4281082117

■ 4281081857

■ 4281082377

■ 4281081856

■ 4281082638

■ 4281083154

■ 4281083415

■ 4281083675

■ 4281083935

■ 4281084452

■ 4281084712

■ 4281084973

# Harmonies

## Analogous

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



4281670669



4281082117



4280296712

# Triad

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



4281082117



4278200621



4281342769

# Complementary

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



4281082117



4278521900

# 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.



4280295481



4281082117



4278200119

# Square

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



4281082117



4278200608



4278527035



4281866277

# Rectangle

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



4281082117



4279641872



4278527035



4281015604



# Sweetspot

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



4281082117



4281873449



4281074960



4280031763



4288453788



4280032284



# Same Dimension

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



4281082117



4281870336



4280560645



4279703061



4283907584



4292254208



# Inverse Universe

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



4278521900



4278194232



4279043372



4279571735



4278196311

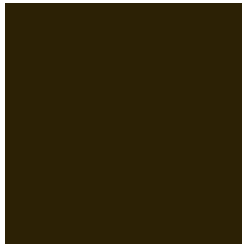


4278205654



# Previews

## White Background



This preview shows how the Android color 4281082117 looks on a white background.

## Color Contrast Check

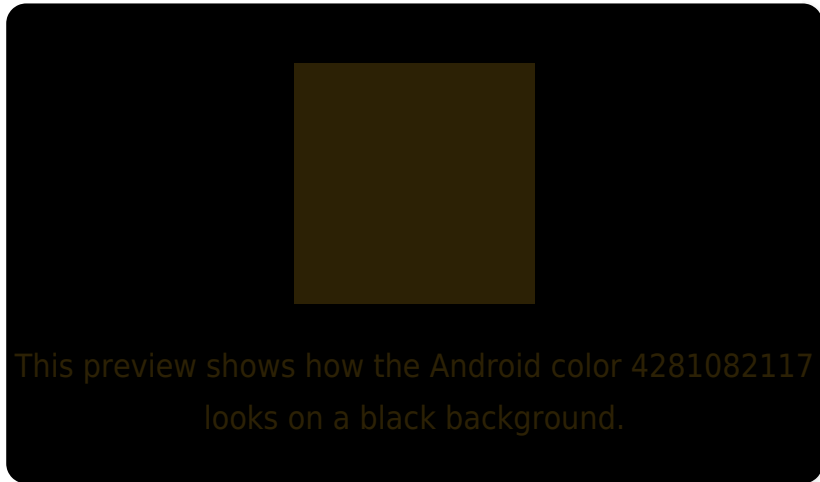
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281082117 Background



This preview shows how black text looks on a background with the Android color 4281082117.

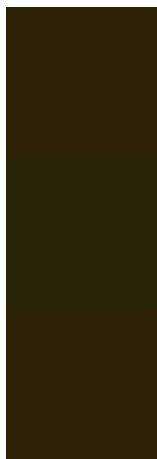


This preview shows how white text looks on a background with the Android color 4281082117.

# 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**  
4281082117

**Protanopia**  
4280754950

**Deuteranopia**  
4281082117



# Trichromacy



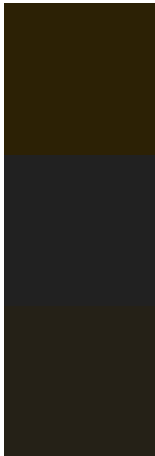
**Original Color**  
4281082117

**Protanomaly**  
4280885766

**Deuteranomaly**  
4281082117

**Tritanomaly**  
4281147415

# Monochromacy



**Original Color**  
4281082117

**Achromatopsia**  
4280361249

**Achromatomaly**  
4280623383

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281082117 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(44, 33, 5)` looks like.

```
.text, #text, p{  
    color:rgb(44, 33, 5)  
}
```

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(44, 33, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 33, 5) }
```

## Border

The CSS property to change the border of an element to Android 4281082117 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(44, 33, 5) }
```

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

```
.border{ border-color:rgb(44, 33, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 33, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 33, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(44, 33, 5); box-shadow:4px  
4px 4px 4px rgb(44, 33, 5) }
```

# Background

The CSS property to change the background color of an element to Android 4281082117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 33, 5) }
```

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

```
.background{ background-color: rgb(44, 33,  
5) }
```

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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