

# Converting Colors

Android(4281805321)

Have a look what the booklet for  
Android(4281805321) contains.

<b>Android(4281805321)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4281805321)**

# Conversions

## Conversions Part 1

Format	Color
Hex	372A09
RGB	55, 42, 9
RGB Percent	22%, 16%, 4%
CMY	0.7843, 0.8353, 0.9647
CMYK	0.00, 0.24, 0.84, 0.78
HSL	43°, 72%, 13%
HSV	43°, 84%, 22%
XYZ	2.4528, 2.4879, 0.6094
YIQ	42.1250, 18.3410, -7.5070

# Conversions

## Conversions Part 2

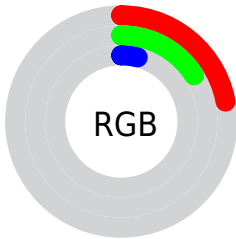
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	27, 55, 9
Decimal	3615241
CIE Lab	17.86, 1.79, 22.08
CIE LCh	18, 22.156, 85.361
Yxy	2.4879, 0.4419, 0.4483
Android (android.graphics.Color)	4281805321 (0xFF372A09)
YUV	42.1250, -16.3306, 11.2914
Hunter-Lab	15.7730, 0.1553, 8.7505

# Details

The Android color **4281805321** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4278785591**, and the grayscale version is **4280953386**.

A 20% lighter version of the original color is **4285028149**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4281804803**, and if you desaturate by 10%, it is **4281805838**.

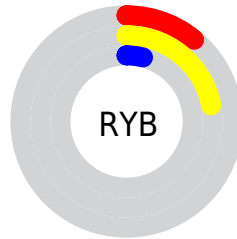
# Distribution



 Red (22%)

 Green (16%)

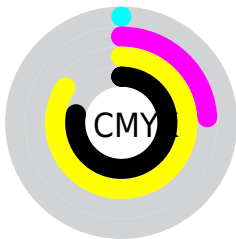
 Blue (4%)



 Red (11%)

 Yellow (22%)

 Blue (4%)

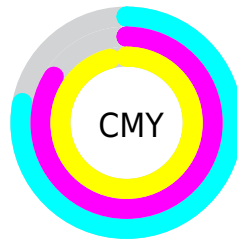


 Cyan (0%)

 Magenta (24%)

 Yellow (84%)

 Black (78%)



 Cyan (78%)

 Magenta (84%)

 Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281805321 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 4281805321 by changing the saturation by 10% instead.





4281805321



4281805321



4294967274



4280358400



4285028149



4278190080



4286672716



4288448869



4290225022



4292066968



4293974707



4294964942



4281805321



4281805321

■ 4281804803

■ 4281805838

■ 4281804544

■ 4281806100

■ 4281806618

■ 4281806879

■ 4281807397

■ 4281807658

■ 4281808175

■ 4281808437

■ 4281808955

# Harmonies

## Analogous

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



4282590226



4281805321



4280758029

# Triad

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



4281805321



4278203193



4282196542

# Complementary

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



4281805321



4278785591

# 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.



4280822089



4281805321



4278202950

# Square

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



4281805321



4278203177



4278267467



4282916399

# Rectangle

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



4281805321



4279972116



4278267467



4281803842



# Sweetspot

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



4281805321



4282860086



4281796886



4280557849



4288914339



4280558628



# Same Dimension

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



4281805321



4282856192



4281153289



4280032025



4284236288



4292582656



# Inverse Universe

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



4278785591



4278195271



4279437623



4279835164



4278196828



4278206171



# Previews

## White Background



This preview shows how the Android color 4281805321 looks on a white background.

## Color Contrast Check

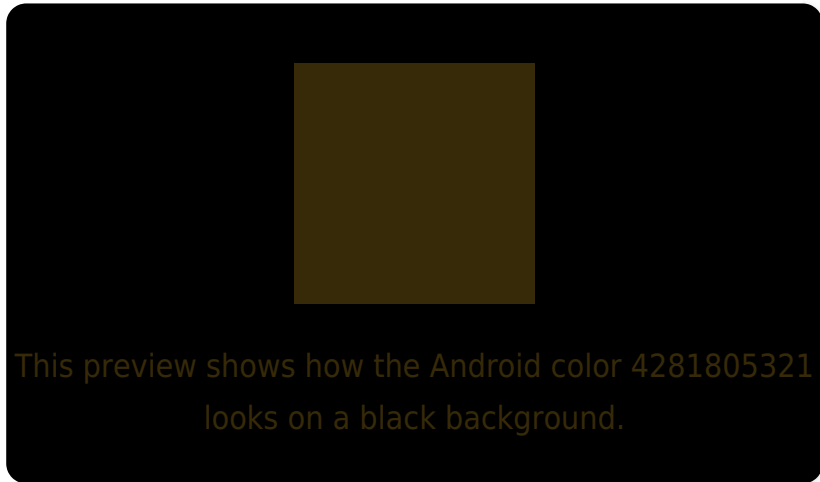
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281805321 Background



This preview shows how black text looks on a background with the Android color 4281805321.

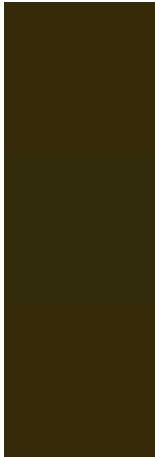


This preview shows how white text looks on a background with the Android color 4281805321.

# 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**  
4281805321

**Protanopia**  
4281478154

**Deuteranopia**  
4281805321



# Trichromacy



**Original Color**

4281805321

**Protanomaly**

4281608970

**Deuteranomaly**

4281805321

**Tritanomaly**

4281870366

# Monochromacy



**Original Color**

4281805321

**Achromatopsia**

4280953386

**Achromatomaly**

4281281054

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281805321 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(55, 42, 9)` looks like.

```
.text, #text, p{  
    color:rgb(55, 42, 9)  
}
```

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(55, 42, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 42, 9) }
```

## Border

The CSS property to change the border of an element to Android 4281805321 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(55, 42, 9) }
```

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

```
.border{ border-color:rgb(55, 42, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 42, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 42, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(55, 42, 9); box-shadow:4px  
4px 4px 4px rgb(55, 42, 9) }
```

# Background

The CSS property to change the background color of an element to Android 4281805321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 42, 9) }
```

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

```
.background{ background-color: rgb(55, 42,  
9) }
```

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