

# Converting Colors

Android(4281944837)

Have a look what the booklet for  
Android(4281944837) contains.

<b>Android(4281944837)</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(4281944837)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	394B05
RGB	57, 75, 5
RGB Percent	22%, 29%, 2%
CMY	0.7765, 0.7059, 0.9804
CMYK	0.24, 0.00, 0.93, 0.71
HSL	75°, 88%, 16%
HSV	75°, 93%, 29%
XYZ	4.2308, 5.9130, 1.0619
YIQ	61.6380, 11.7420, -25.5860

# Conversions

## Conversions Part 2

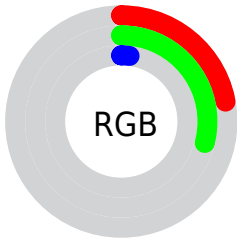
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 75, 23
Decimal	3754757
CIELab	29.19, -17.59, 35.19
CIELCh	29, 39.339, 116.563
Yxy	5.9130, 0.3776, 0.5277
Android (android.graphics.Color)	4281944837 (0xFF394B05)
YUV	61.6380, -27.9225, -4.0675
Hunter-Lab	24.3166, -11.4971, 14.4324

# Details

The Android color **4281944837** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4279698763**, and the grayscale version is **4282269246**.

A 20% lighter version of the original color is **4285234231**, and **4278591232** is the 20% darker color. If you saturate the color by 10%, you get **4281879296**, and if you desaturate by 10%, it is **4282075917**.

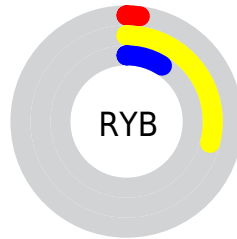
# Distribution



Red (22%)

Green (29%)

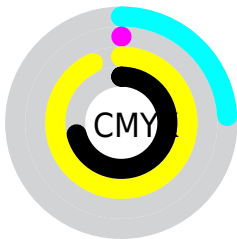
Blue (2%)



Red (2%)

Yellow (29%)

Blue (9%)

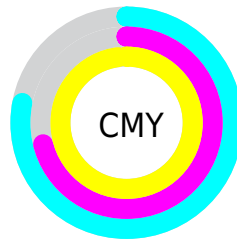


Cyan (24%)

Magenta (0%)

Yellow (93%)

Black (71%)



Cyan (78%)

Magenta (71%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281944837 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 4281944837 by changing the saturation by 10% instead.





4281944837



4281944837



4294967280



4280497152



4285234231



4278591232



4286944847



4278190080



4288721000



4290497665



4292339868



4294246327



4294967251



4281944837



4281944837

■ 4281879296

■ 4282075917

■ 4282206996

■ 4282338076

■ 4282469155

■ 4282600235

■ 4282731314

■ 4282862394

■ 4282927937

■ 4283059017

# Harmonies

## Analogous

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



4283843072



4281944837



4278603809

# Triad

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



4281944837



4278210679



4286129738

# Complementary

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



4281944837



4279698763

# 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.



4284887143



4281944837



4278208898

# Square

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



4281944837



4278211423



4282203772



4286196012

# Rectangle

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



4281944837



4278211126



4282203772



4285802580



# Sweetspot

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



4281944837



4284113222



4283111173



4281085984



4289769648



4281348144



# Same Dimension

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



4281944837



4282933504



4279716613



4280624674



4283196928



4289390080



# Inverse Universe

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



4279698763



4279828577



4281992523



4280492582



4279894118

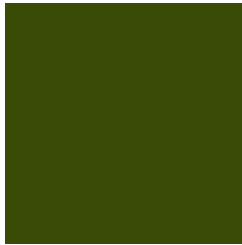


4282056934



# Previews

## White Background



This preview shows how the Android color 4281944837 looks on a white background.

## Color Contrast Check

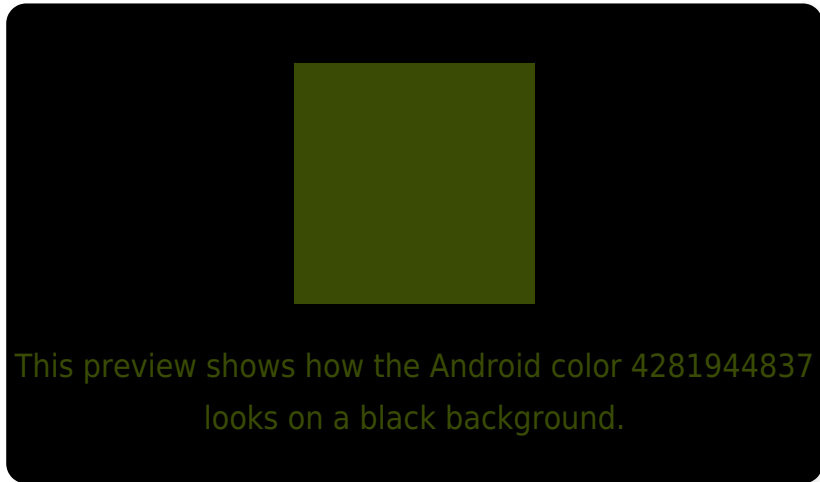
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281944837 Background



This preview shows how black text looks on a background with the Android color 4281944837.



This preview shows how white text looks on a background with the Android color 4281944837.

# 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](#).

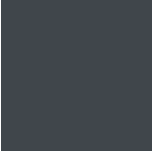
## Dichromacy



**Original Color**  
4281944837

**Protanopia**  
4283319552

**Deuteranopia**  
4283908366



**Tritanopia**  
4282402379

# Trichromacy



**Original Color**  
4281944837

**Protanomaly**  
4282795778

**Deuteranomaly**  
4283188491

**Tritanomaly**  
4282206258

# Monochromacy



**Original Color**  
4281944837

**Achromatopsia**  
4282269246

**Achromatomaly**  
4282139433

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281944837 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(57, 75, 5)` looks like.

```
.text, #text, p{  
    color:rgb(57, 75, 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(57, 75, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 75, 5) }
```

## Border

The CSS property to change the border of an element to Android 4281944837 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(57, 75, 5) }
```

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

```
.border{ border-color:rgb(57, 75, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 75, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 75, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(57, 75, 5); box-shadow:4px  
4px 4px 4px rgb(57, 75, 5) }
```

# Background

The CSS property to change the background color of an element to Android 4281944837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 75, 5) }
```

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

```
.background{ background-color: rgb(57, 75,  
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](#).



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