

# Converting Colors

Android(4281542166)

Have a look what the booklet for  
Android(4281542166) contains.

<b>Android(4281542166)</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(4281542166)**

# Conversions

## Conversions Part 1

Format	Color
Hex	332616
RGB	51, 38, 22
RGB Percent	20%, 15%, 9%
CMY	0.8000, 0.8510, 0.9137
CMYK	0.00, 0.25, 0.57, 0.80
HSL	33°, 40%, 14%
HSV	33°, 57%, 20%
XYZ	2.2032, 2.1480, 1.0575
YIQ	40.0630, 12.8840, -2.2200

# Conversions

## Conversions Part 2

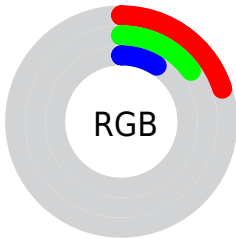
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 51, 22
Decimal	3352086
CIELab	16.25, 3.57, 12.92
CIElCh	16, 13.409, 74.539
Yxy	2.1480, 0.4073, 0.3971
Android (android.graphics.Color)	4281542166 (0xFF332616)
YUV	40.0630, -8.9051, 9.5917
Hunter-Lab	14.6559, 1.1854, 5.9809

# Details

The Android color **4281542166** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4279640883**, and the grayscale version is **4280821800**.

A 20% lighter version of the original color is **4284633921**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4281541649**, and if you desaturate by 10%, it is **4281542683**.

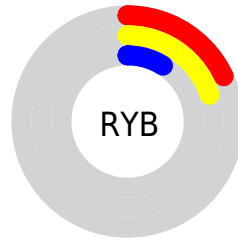
# Distribution



Red (20%)

Green (15%)

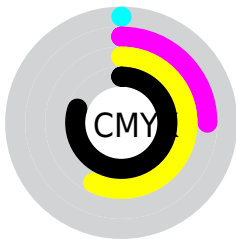
Blue (9%)



Red (18%)

Yellow (20%)

Blue (9%)

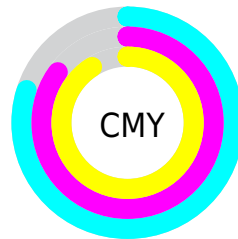


Cyan (0%)

Magenta (25%)

Yellow (57%)

Black (80%)



Cyan (80%)

Magenta (85%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281542166 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 4281542166 by changing the saturation by 10% instead.





4281542166



4281542166



4294967288



4280226048



4284633921



4278190080



4286344024



4288054385



4289830538



4291606948



4293514688



4294963675



4281542166



4281542166

■ 4281541649

■ 4281542683

■ 4281540876

■ 4281543456

■ 4281540359

■ 4281543973

■ 4281539842

■ 4281544490

■ 4281539584

■ 4281545008

■ 4281545781

■ 4281546298

■ 4281546815

■ 4281547588

# Harmonies

## Analogous

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



4281934619



4281542166



4280953110

# Triad

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



4281542166



4278725933



4281279542

# Complementary

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



4281542166



4279640883

# 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.



4280428603



4281542166



4278594869

# Square

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



4281542166



4279512355



4279446330



4281868846

# Rectangle

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



4281542166



4280494872



4279446330



4281017656



# Sweetspot

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



4281542166



4282531127



4281538083



4280360475



4288782753



4280361249



# Same Dimension

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



4281542166



4282527253



4281479958



4279900183



4284035328



4292442112



# Inverse Universe

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



4279640883



4279576898



4279703091



4279703578



4278200409



4278215129



# Previews

## White Background



This preview shows how the Android color 4281542166 looks on a white background.

## Color Contrast Check

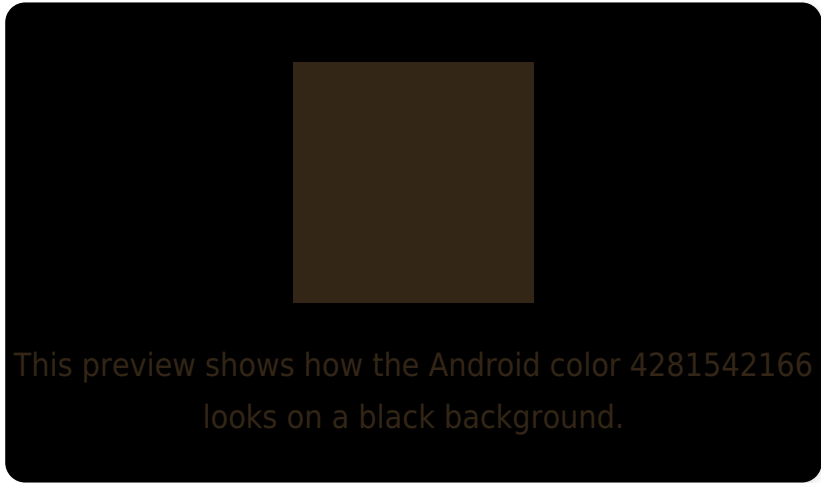
Large Text (above 18pt) WCAG AA ✓ Pass

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

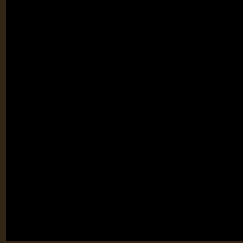
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4281542166 Background



This preview shows how black text looks on a background with the Android color 4281542166.

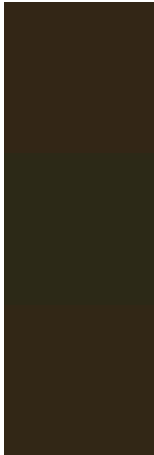


This preview shows how white text looks on a background with the Android color 4281542166.

# 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



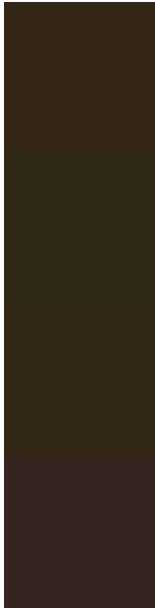
**Original Color**  
4281542166

**Protanopia**  
4281084183

**Deuteranopia**  
4281476886



# Trichromacy



**Original Color**

4281542166

**Protanomaly**

4281280535

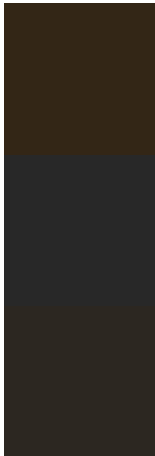
**Deuteranomaly**

4281476886

**Tritanomaly**

4281607457

# Monochromacy



**Original Color**

4281542166

**Achromatopsia**

4280821800

**Achromatomaly**

4281083681

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281542166 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(51, 38, 22)` looks like.

```
.text, #text, p{  
    color:rgb(51, 38, 22)  
}
```

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(51, 38, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 38, 22) }
```

## Border

The CSS property to change the border of an element to Android 4281542166 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(51, 38, 22) }
```

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

```
.border{ border-color:rgb(51, 38, 22) }
```

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

Here you see how a box with a 4 pixel rgb(51, 38, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 38, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 38, 22);  
box-shadow:4px 4px 4px 4px rgb(51, 38, 22)  
}
```

# Background

The CSS property to change the background color of an element to Android 4281542166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 38, 22) }
```

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

```
.background{ background-color: rgb(51, 38,  
22) }
```

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