

# Converting Colors

Android(4283712314)

Have a look what the booklet for  
Android(4283712314) contains.

<b>Android(4283712314)</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(4283712314)**

# Conversions

Conversions Part 1	
Format	Color
Hex	54433A
RGB	84, 67, 58
RGB Percent	33%, 26%, 23%
CMY	0.6706, 0.7373, 0.7725
CMYK	0.00, 0.20, 0.31, 0.67
HSL	21°, 18%, 28%
HSV	21°, 31%, 33%
XYZ	6.4270, 6.2046, 4.8619
YIQ	71.0570, 13.0210, 0.8050

# Conversions

## Conversions Part 2

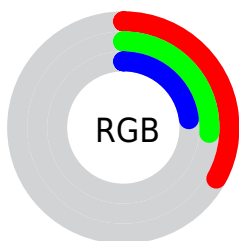
Format	Color
<a href="#">RYB</a>	<a href="#">84, 72, 58</a>
Decimal	<a href="#">5522234</a>
CIELab	<a href="#">29.92, 5.76, 8.22</a>
CIELCh	<a href="#">30, 10.039, 55.002</a>
Yxy	<a href="#">6.2046, 0.3674, 0.3547</a>
Android (android.graphics.Color)	<a href="#">4283712314</a> (0xFF54433A)
YUV	<a href="#">71.0570, -6.4371, 11.3510</a>
Hunter-Lab	<a href="#">24.9091, 2.4657, 5.8639</a>

# Details

The Android color **4283712314** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4282010452**, and the grayscale version is **4282861383**.

A 20% lighter version of the original color is **4287001449**, and **4280686607** is the 20% darker color. If you saturate the color by 10%, you get **4283711026**, and if you desaturate by 10%, it is **4283713602**.

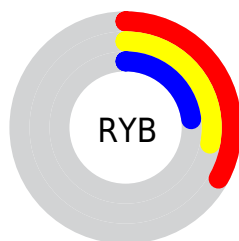
# Distribution



Red (33%)

Green (26%)

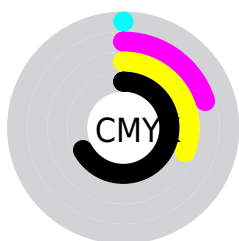
Blue (23%)



Red (33%)

Yellow (28%)

Blue (23%)

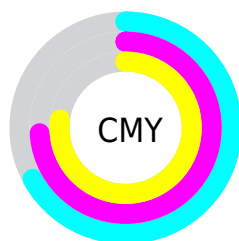


Cyan (0%)

Magenta (20%)

Yellow (31%)

Black (67%)



Cyan (67%)

Magenta (74%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283712314 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 4283712314 by changing the saturation by 10% instead.



 4283712314

 4283712314

4294967295

 4282133796

 4287001449

 4280686607

 4288711810

 4279107584

 4290553756

 4278190080

 4292330167

 4294237907

 4294966255

 4283712314

 4283712314

 4283711026

 4283713602

 4283709481

 4283715147

 4283708193

 4283716435

 4283706648

 4283717980

 4283705360

 4283719268

 4283703816

 4283720812

 4283702528

 4283722101

 4283723645

 4283724934

# Harmonies

## Analogous

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



4283908416



4283712314



4283319607

# Triad

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



4283712314



4281682757



4282795349

# Complementary

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



4283712314



4282010452

# 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.



4282140758



4283712314



4281420621

# Square

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



4283712314



4282206781



4281616979



4283384400

# Rectangle

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



4283712314



4282926903



4281616979



4282598997



# Sweetspot

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



4283712314



4285425508



4283710027



4281873458



4290295992



4281874488



# Same Dimension

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



4283712314



4285420357



4283715642



4280886821



4285080576



4293414912



# Inverse Universe

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



4282010452



4282736750



4282007124



4280624937



4278207593

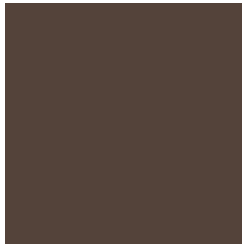


4278229224



# Previews

## White Background



This preview shows how the Android color 4283712314 looks on a white background.

## Color Contrast Check

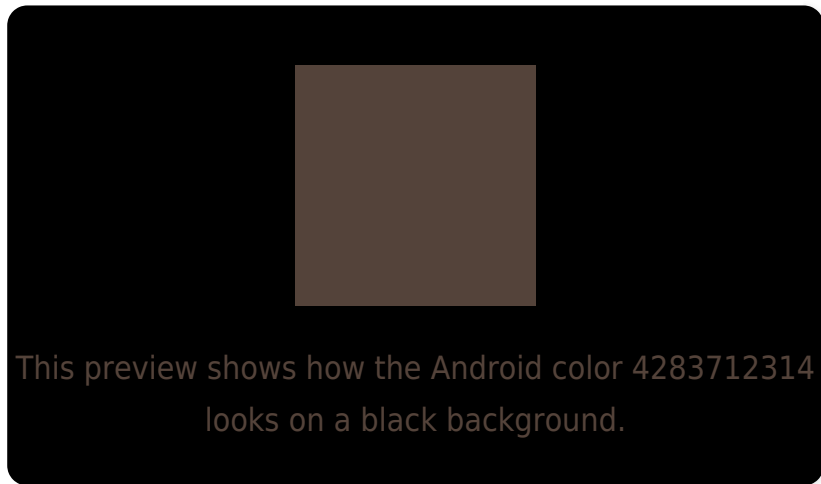
Large Text (above 18pt) WCAG AA ✓ Pass

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

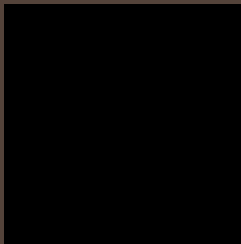
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Android 4283712314 Background



This preview shows how black text looks on a background with the Android color 4283712314.

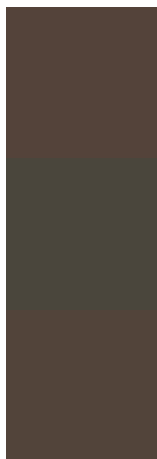


This preview shows how white text looks on a background with the Android color 4283712314.

# 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**

4283712314

**Protanopia**

4283057724

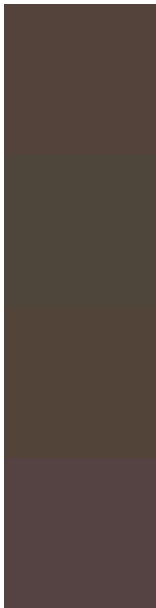
**Deuteranopia**

4283581498



**Tritanopia**  
4283777350

# Trichromacy



**Original Color**  
4283712314

**Protanomaly**  
4283319611

**Deuteranomaly**  
4283647034

**Tritanomaly**  
4283777602

# Monochromacy



**Original Color**  
4283712314

**Achromatopsia**  
4282861383

**Achromatomaly**  
4283188802

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283712314 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(84, 67, 58) looks like.

```
.text, #text, p{  
    color:rgb(84, 67, 58)  
}
```

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(84, 67, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 67, 58) }
```

## Border

The CSS property to change the border of an element to Android 4283712314 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(84, 67, 58) }
```

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

```
.border{ border-color:rgb(84, 67, 58) }
```

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

Here you see how a box with a 4 pixel rgb(84, 67, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 67, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 67, 58);  
box-shadow:4px 4px 4px 4px rgb(84, 67, 58)  
}
```

# Background

The CSS property to change the background color of an element to Android 4283712314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(84, 67, 58) }
```

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

```
.background{ background-color:rgb(84, 67,  
58) }
```

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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