

# Converting Colors

Android(4281413935)

Have a look what the booklet for  
Android(4281413935) contains.

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# Color

**Android(4281413935)**

# Conversions

## Conversions Part 1

Format	Color
Hex	31312F
RGB	49, 49, 47
RGB Percent	19%, 19%, 18%
CMY	0.8078, 0.8078, 0.8157
CMYK	0.00, 0.00, 0.04, 0.81
HSL	60°, 2%, 19%
HSV	60°, 4%, 19%
XYZ	2.8780, 3.0548, 3.1273
YIQ	48.7720, 0.6420, -0.6220

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	47, 49, 47
Decimal	3223855
CIE <sub>Lab</sub>	20.26, -0.46, 1.27
CIE <sub>LCh</sub>	20, 1.352, 109.838
Yxy	3.0548, 0.3177, 0.3372
Android (android.graphics.Color)	4281413935 (0xFF31312F)
YUV	48.7720, -0.8736, 0.2000
Hunter-Lab	17.4781, -1.1939, 1.6261

# Details

The Android color **4281413935** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4281282353**, and the grayscale version is **4281413937**.

A 20% lighter version of the original color is **4284440413**, and **4278190336** is the 20% darker color. If you saturate the color by 10%, you get **4281413930**, and if you desaturate by 10%, it is **4281413940**.

# Distribution



Red (19%)

Green (19%)

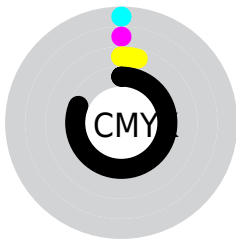
Blue (18%)



Red (18%)

Yellow (19%)

Blue (18%)



Cyan (0%)

Magenta (0%)

Yellow (4%)

Black (81%)



Cyan (81%)

Magenta (81%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281413935 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 4281413935 by changing the saturation by 10% instead.





4281413935



4281413935

4294967295



4280032282



4284440413



4278190336



4286085237



4278190080



4287730063



4289506473



4291282885



4293125089

4294967293



4281413935



4281413935

■ 4281413930

■ 4281413940

■ 4281413925

■ 4281413945

■ 4281413920

■ 4281413950

■ 4281413915

■ 4281413955

■ 4281413911

■ 4281413960

■ 4281413906

■ 4281413964

■ 4281413901

■ 4281413969

■ 4281413896

■ 4281413974

■ 4281413891

■ 4281413979

# Harmonies

## Analogous

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



4281479471



4281413935



4281348400

# Triad

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



4281413935



4281282866



4281544753

# Complementary

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



4281413935



4281282353

# 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.



4281479218



4281413935



4281348403

# Square

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



4281413935



4281282865



4281413939



4281544752

# Rectangle

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



4281413935



4281282864



4281413939



4281479218



# Sweetspot

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



4281413935



4282400831



4281413423



4280361249



4288782753

# Same Dimension

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



4281413935



4282400829



4281348399



4279900696



4284045568



4292466944



# Inverse Universe

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



4281282353



4282203456



4281347889



4279769114



4278190169

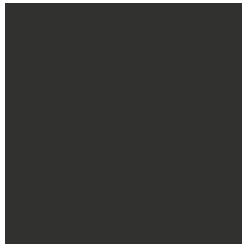


4278190297



# Previews

## White Background



This preview shows how the Android color 4281413935 looks on a white background.

## Color Contrast Check

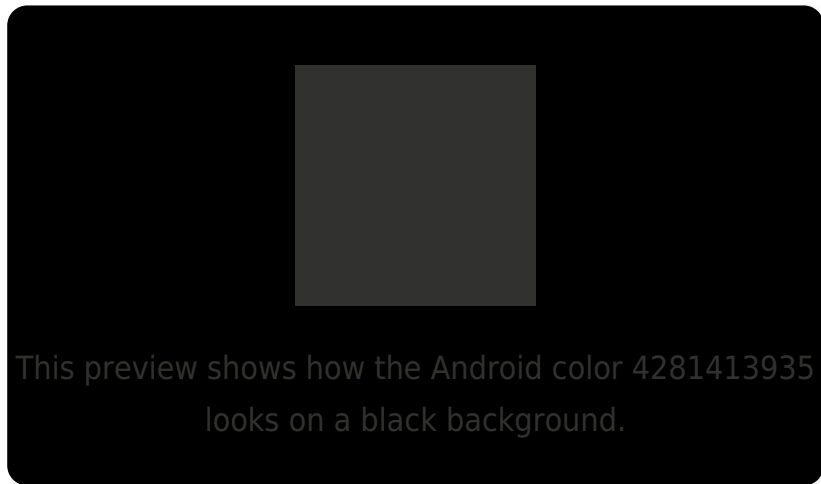
Large Text (above 18pt) WCAG AA ✓ Pass

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

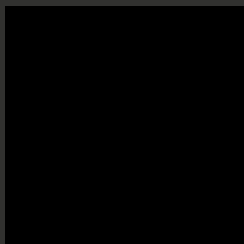
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

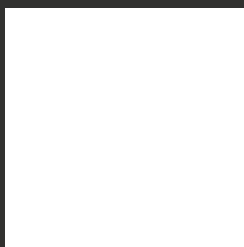
Any Text WCAG AAA × Fail

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

## Android 4281413935 Background



This preview shows how black text looks on a background with the Android color 4281413935.



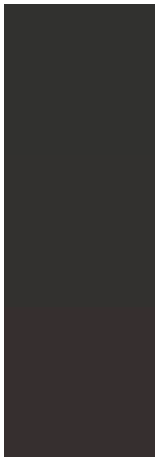
This preview shows how white text looks on a background with the Android color 4281413935.



# 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



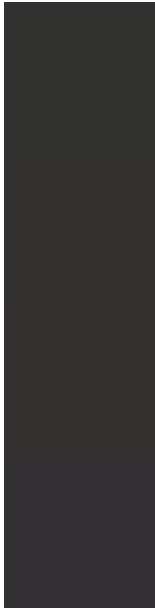
**Original Color**  
4281413935

**Protanopia**  
4281479471

**Deuteranopia**  
4281741103



# Trichromacy



**Original Color**

4281413935

**Protanomaly**

4281479471

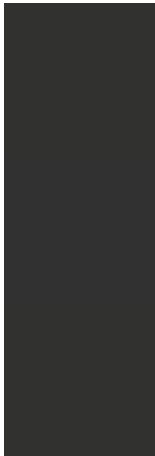
**Deuteranomaly**

4281610287

**Tritanomaly**

4281479218

# Monochromacy



**Original Color**

4281413935

**Achromatopsia**

4281413937

**Achromatomaly**

4281413936

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281413935 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(49, 49, 47)` looks like.

```
.text, #text, p{  
    color:rgb(49, 49, 47)  
}
```

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(49, 49, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 49, 47) }
```

## Border

The CSS property to change the border of an element to Android 4281413935 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(49, 49, 47) }
```

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

```
.border{ border-color:rgb(49, 49, 47) }
```

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

Here you see how a box with a 4 pixel rgb(49, 49, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 49, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 49, 47);  
box-shadow:4px 4px 4px 4px rgb(49, 49, 47)  
}
```

# Background

The CSS property to change the background color of an element to Android 4281413935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 49, 47) }
```

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

```
.background{ background-color: rgb(49, 49,  
47) }
```

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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