

# Converting Colors

Android(4281413920)

Have a look what the booklet for  
Android(4281413920) contains.

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# Color

**Android(4281413920)**

# Conversions

## Conversions Part 1

Format	Color
Hex	313120
RGB	49, 49, 32
RGB Percent	19%, 19%, 13%
CMY	0.8078, 0.8078, 0.8745
CMYK	0.00, 0.00, 0.35, 0.81
HSL	60°, 21%, 16%
HSV	60°, 35%, 19%
XYZ	2.6256, 2.9539, 1.7983
YIQ	47.0620, 5.4570, -5.2870

# Conversions

## Conversions Part 2

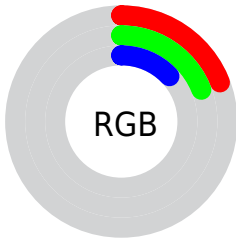
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 49, 32
Decimal	3223840
CIE Lab	19.86, -3.41, 10.89
CIE LCh	20, 11.414, 107.399
Yxy	2.9539, 0.3559, 0.4004
Android (android.graphics.Color)	4281413920 (0xFF313120)
YUV	47.0620, -7.4256, 1.6996
Hunter-Lab	17.1868, -2.8074, 5.8273

# Details

The Android color **4281413920** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4280295473**, and the grayscale version is **4281282351**.

A 20% lighter version of the original color is **4284440396**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4281413915**, and if you desaturate by 10%, it is **4281413925**.

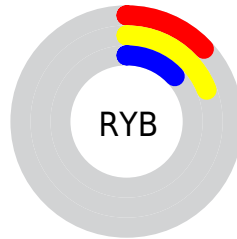
# Distribution



Red (19%)

Green (19%)

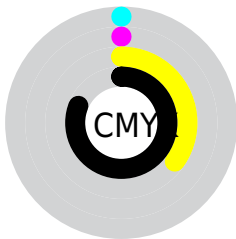
Blue (13%)



Red (13%)

Yellow (19%)

Blue (13%)

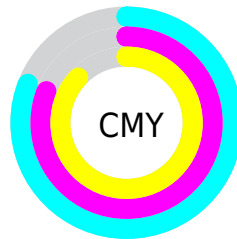


Cyan (0%)

Magenta (0%)

Yellow (35%)

Black (81%)



Cyan (81%)

Magenta (81%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281413920 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 4281413920 by changing the saturation by 10% instead.



■ 4281413920

■ 4281413920

4294967295

■ 4280032265

■ 4284440396

■ 4278190080

■ 4286085220

■ 4287795581

■ 4289571991

■ 4291348402

■ 4293190605

■ 4294967273

■ 4281413920

■ 4281413920

■ 4281413915

■ 4281413925

■ 4281413910

■ 4281413930

■ 4281413905

■ 4281413935

■ 4281413900

■ 4281413940

■ 4281413895

■ 4281413945

■ 4281413891

■ 4281413949

■ 4281413888

■ 4281413954

■ 4281413959

■ 4281413964

# Harmonies

## Analogous

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



4281937440



4281413920



4280824613

# Triad

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



4281413920



4279776316



4282264116

# Complementary

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



4281413920



4280295473

# 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.



4281805883



4281413920



4280365632

# Square

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



4281413920



4279711029



4281085760



4282460715

# Rectangle

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



4281413920



4280366121



4281085760



4282133303



# Sweetspot

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



4281413920



4282400825



4281409568



4280361245



4288782753



4280361249



# Same Dimension

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



4281413920



4282400805



4280889632



4279900695



4284045568



4292466944



# Inverse Universe

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



4280295473



4280624448



4280885297



4279703322



4278190169

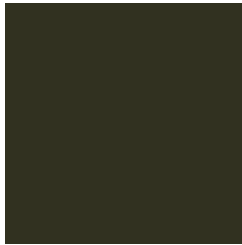


4278190297



# Previews

## White Background



This preview shows how the Android color 4281413920 looks on a white background.

## Color Contrast Check

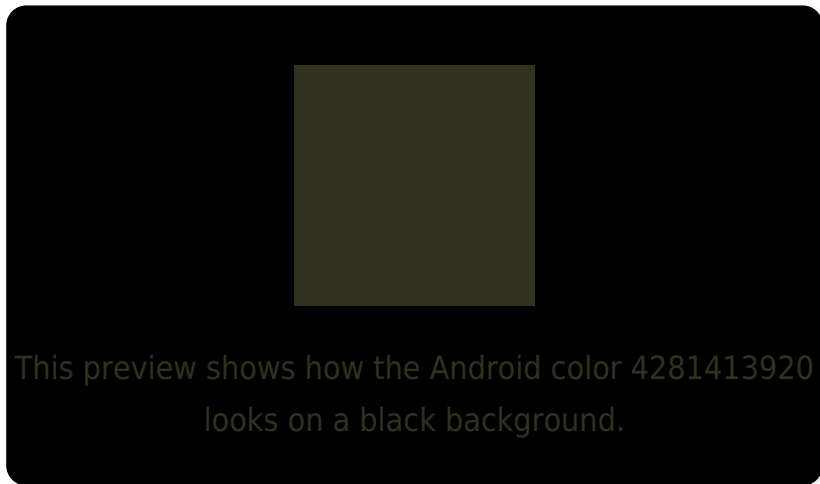
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281413920 Background



This preview shows how black text looks on a background with the Android color 4281413920.

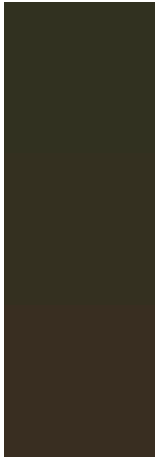


This preview shows how white text looks on a background with the Android color 4281413920.

# 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**  
4281413920

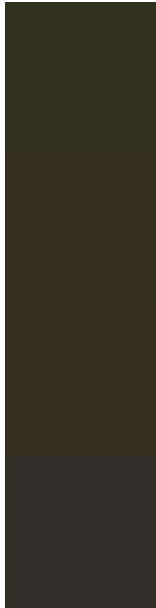
**Protanopia**  
4281610272

**Deuteranopia**  
4281937441



**Tritanopia**  
4281544498

# Trichromacy



**Original Color**

4281413920

**Protanomaly**

4281544736

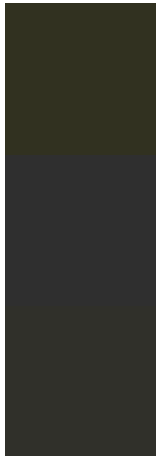
**Deuteranomaly**

4281741089

**Tritanomaly**

4281479211

# Monochromacy



**Original Color**

4281413920

**Achromatopsia**

4281282351

**Achromatomaly**

4281348138

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281413920 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, 32)` looks like.

```
.text, #text, p{  
    color:rgb(49, 49, 32)  
}
```

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, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 49, 32) }
```

## Border

The CSS property to change the border of an element to Android 4281413920 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, 32) }
```

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

```
.border{ border-color:rgb(49, 49, 32) }
```

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, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 49, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 49, 32);  
box-shadow:4px 4px 4px 4px rgb(49, 49, 32)  
}
```

# Background

The CSS property to change the background color of an element to Android 4281413920 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, 32) }
```

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

```
.background{ background-color: rgb(49, 49,  
32) }
```

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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