

# Converting Colors

Android(4281217042)

Have a look what the booklet for  
Android(4281217042) contains.

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# Color

**Android(4281217042)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2E3012
RGB	46, 48, 18
RGB Percent	18%, 19%, 7%
CMY	0.8196, 0.8118, 0.9294
CMYK	0.04, 0.00, 0.63, 0.81
HSL	64°, 45%, 13%
HSV	64°, 62%, 19%
XYZ	2.2928, 2.7384, 0.9800
YIQ	43.9820, 8.4380, -9.7540

# Conversions

## Conversions Part 2

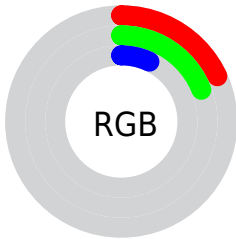
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 48, 20
Decimal	3026962
CIELab	18.96, -6.24, 18.68
CIELCh	19, 19.695, 108.461
Yxy	2.7384, 0.3814, 0.4555
Android (android.graphics.Color)	4281217042 (0xFF2E3012)
YUV	43.9820, -12.8091, 1.7698
Hunter-Lab	16.5482, -4.2271, 8.0725

# Details

The Android color **4281217042** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4279505456**, and the grayscale version is **4281084972**.

A 20% lighter version of the original color is **4284309053**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4281217037**, and if you desaturate by 10%, it is **4281217047**.

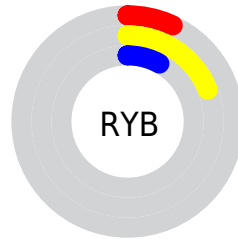
# Distribution



Red (18%)

Green (19%)

Blue (7%)



Red (7%)

Yellow (19%)

Blue (8%)

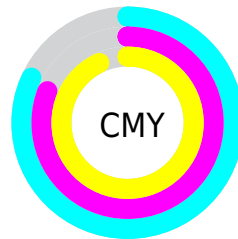


Cyan (4%)

Magenta (0%)

Yellow (63%)

Black (81%)



Cyan (82%)

Magenta (81%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281217042 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 4281217042 by changing the saturation by 10% instead.





4281217042



4281217042



4294967284



4279900928



4284309053



4278190080



4285953877



4287664237



4289375110



4291217057



4293059260



4294967256



4281217042



4281217042

■ 4281217037

■ 4281217047

■ 4281151496

■ 4281282588

■ 4281151492

■ 4281282592

■ 4281151488

■ 4281282597

■ 4281348138

■ 4281348143

■ 4281348148

■ 4281413688

■ 4281413693

# Harmonies

## Analogous

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



4282067730



4281217042



4280169242

# Triad

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



4281217042



4278203459



4282786612

# Complementary

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



4281217042



4279505456

# 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.



4282001217



4281217042



4278530378

# Square

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



4281217042



4278203703



4280691785



4282983206

# Rectangle

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



4281217042



4279186723



4280691785



4282590265



# Sweetspot

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



4281217042



4282137906



4281340946



4280164120



4288585374



4280229663



# Same Dimension

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



4281217042



4282006799



4280234002



4279703317



4283520768



4291352064



# Inverse Universe

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



4279505456



4279373629



4280488496



4279571735



4278583383



4279107798



# Previews

## White Background



This preview shows how the Android color 4281217042 looks on a white background.

## Color Contrast Check

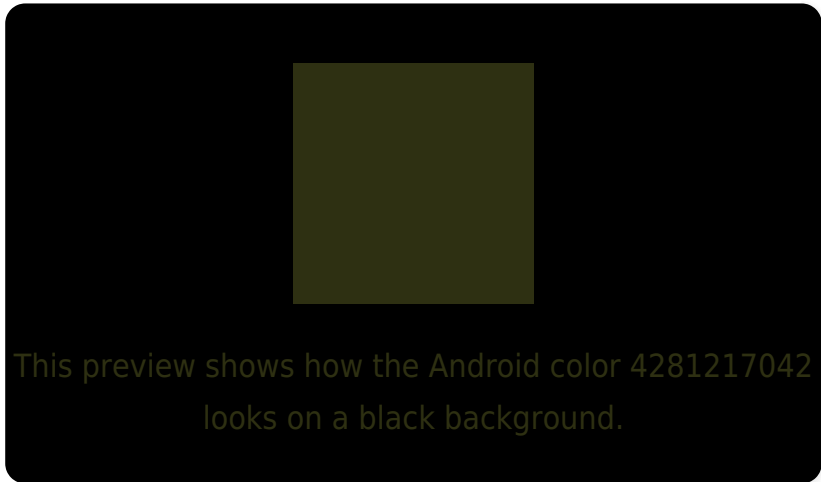
Large Text (above 18pt) WCAG AA ✓ Pass

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

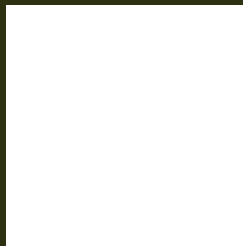
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281217042 Background



This preview shows how black text looks on a background with the Android color 4281217042.

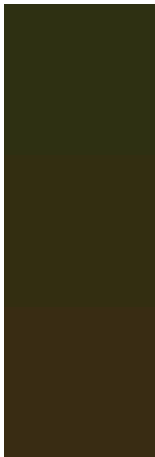


This preview shows how white text looks on a background with the Android color 4281217042.

# 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



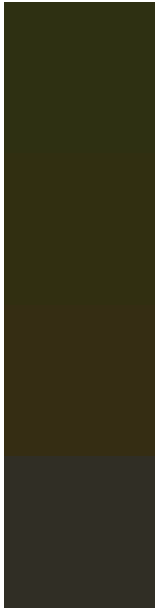
**Original Color**  
4281217042

**Protanopia**  
4281544209

**Deuteranopia**  
4281936915



# Trichromacy



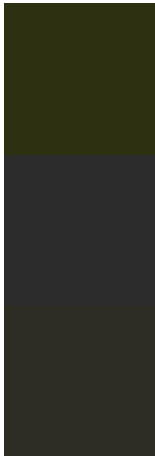
**Original Color**  
4281217042

**Protanomaly**  
4281413393

**Deuteranomaly**  
4281675027

**Tritanomaly**  
4281347621

# Monochromacy



**Original Color**  
4281217042

**Achromatopsia**  
4281084972

**Achromatomaly**  
4281150755

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281217042 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(46, 48, 18)` looks like.

```
.text, #text, p{  
    color:rgb(46, 48, 18)  
}
```

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(46, 48, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 48, 18) }
```

## Border

The CSS property to change the border of an element to Android 4281217042 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(46, 48, 18) }
```

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

```
.border{ border-color:rgb(46, 48, 18) }
```

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

Here you see how a box with a 4 pixel rgb(46, 48, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 48, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 48, 18);  
box-shadow:4px 4px 4px 4px rgb(46, 48, 18)  
}
```

# Background

The CSS property to change the background color of an element to Android 4281217042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 48, 18) }
```

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

```
.background{ background-color: rgb(46, 48,  
18) }
```

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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