

# Converting Colors

Android(4281012247)

Have a look what the booklet for  
Android(4281012247) contains.

<b>Android(4281012247)</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(4281012247)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B1017
RGB	43, 16, 23
RGB Percent	17%, 6%, 9%
CMY	0.8314, 0.9373, 0.9098
CMYK	0.00, 0.63, 0.47, 0.83
HSL	344°, 46%, 12%
HSV	344°, 63%, 17%
XYZ	1.3362, 0.9460, 0.9228
YIQ	24.8710, 13.8450, 7.9010

# Conversions

## Conversions Part 2

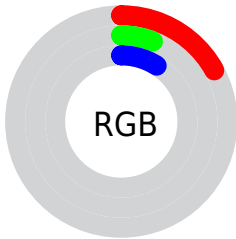
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">43, 16, 23</a>
Decimal	<a href="#">2822167</a>
CIELab	<a href="#">8.53, 14.93, 1.51</a>
CIELCh	<a href="#">9, 15.003, 5.792</a>
Yxy	<a href="#">0.9460, 0.4169, 0.2952</a>
Android (android.graphics.Color)	<a href="#">4281012247 (0xFF2B1017)</a>
YUV	<a href="#">24.8710, -0.9224, 15.8991</a>
Hunter-Lab	<a href="#">9.7264, 7.5009, 1.1834</a>

# Details

The Android color **4281012247** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **4279249700**, and the grayscale version is **4279834905**.

A 20% lighter version of the original color is **4284103489**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4281011220**, and if you desaturate by 10%, it is **4281013274**.

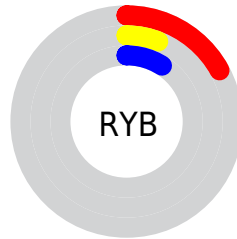
# Distribution



Red (17%)

Green (6%)

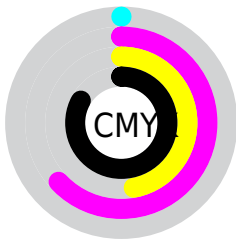
Blue (9%)



Red (17%)

Yellow (6%)

Blue (9%)

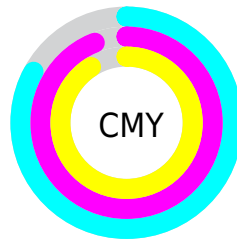


Cyan (0%)

Magenta (63%)

Yellow (47%)

Black (83%)



Cyan (83%)

Magenta (94%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281012247 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 4281012247 by changing the saturation by 10% instead.





4281012247



4281012247



4294963704



4279500800



4284103489



4278190080



4285747801



4287457905



4289234059



4291010213



4292852160



4294759644



4281012247



4281012247

■ 4281011220

■ 4281013274

■ 4281009937

■ 4281014557

■ 4281008909

■ 4281015585

■ 4281008139

■ 4281016612

■ 4281017895

■ 4281018922

■ 4281019949

■ 4281020976

■ 4281022260

# Harmonies

## Analogous

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



4280685089



4281012247



4281012746

# Triad

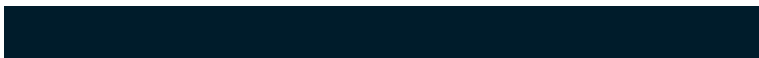
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4281012247



4279442177



4278197291

# Complementary

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



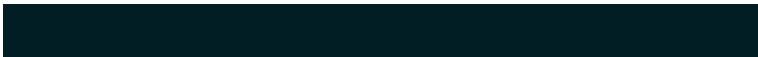
4281012247



4279249700

# 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.



4278197796



4281012247



4278328591

# Square

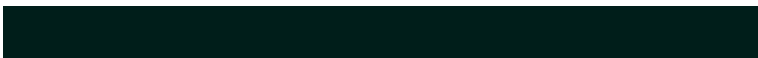
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4281012247



4280227840



4278197786



4278851884

# Rectangle

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



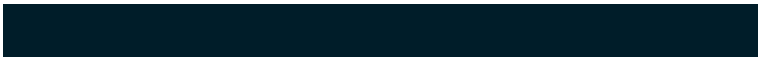
4281012247



4280816641



4278197786



4278197545



# Sweetspot

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



4281012247



4281871664



4280553515



4280030743



4288453788



4280032284



# Same Dimension

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



4281012247



4281863705



4281013776



4279505427



4283695126



4292083767



# Inverse Universe

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



4281012247



4281863705



4279248171



4279505427



4283695126

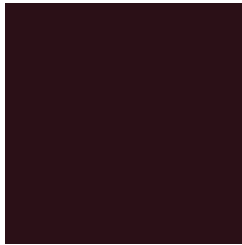


4292083767



# Previews

## White Background



This preview shows how the Android color 4281012247 looks on a white background.

## Color Contrast Check

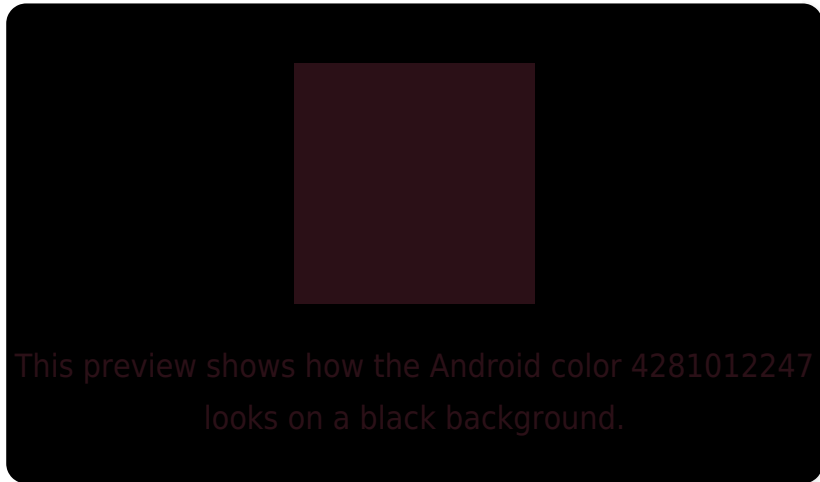
Large Text (above 18pt) WCAG AA ✓ Pass

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

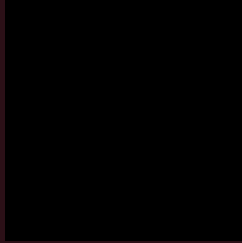
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4281012247 Background



This preview shows how black text looks on a background with the Android color 4281012247.

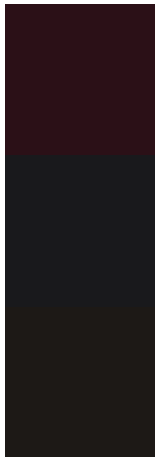


This preview shows how white text looks on a background with the Android color 4281012247.

# 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



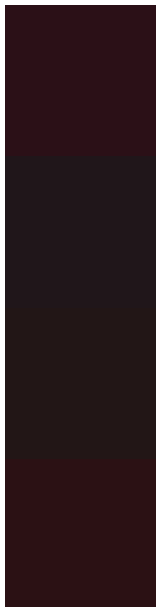
**Original Color**  
4281012247

**Protanopia**  
4279834908

**Deuteranopia**  
4280097046



# Trichromacy



**Original Color**

4281012247

**Protanomaly**

4280292890

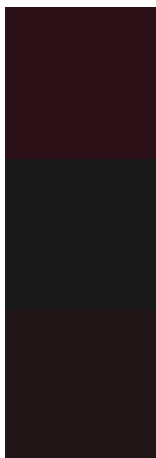
**Deuteranomaly**

4280423958

**Tritanomaly**

4281012500

# Monochromacy



**Original Color**

4281012247

**Achromatopsia**

4279834905

**Achromatomaly**

4280292888

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281012247 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(43, 16, 23)` looks like.

```
.text, #text, p{  
    color:rgb(43, 16, 23)  
}
```

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(43, 16, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 16, 23) }
```

## Border

The CSS property to change the border of an element to Android 4281012247 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(43, 16, 23) }
```

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

```
.border{ border-color:rgb(43, 16, 23) }
```

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

Here you see how a box with a 4 pixel rgb(43, 16, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 16, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 16, 23);  
box-shadow:4px 4px 4px 4px rgb(43, 16, 23)  
}
```

# Background

The CSS property to change the background color of an element to Android 4281012247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 16, 23) }
```

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

```
.background{ background-color: rgb(43, 16,  
23) }
```

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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