

# Converting Colors

Android(4280490247)

Have a look what the booklet for  
Android(4280490247) contains.

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# **Color**

**Android(4280490247)**

# Conversions

## Conversions Part 1

Format	Color
Hex	231907
RGB	35, 25, 7
RGB Percent	14%, 10%, 3%
CMY	0.8627, 0.9020, 0.9725
CMYK	0.00, 0.29, 0.80, 0.86
HSL	39°, 67%, 8%
HSV	39°, 80%, 14%
XYZ	1.0791, 1.0679, 0.3503
YIQ	25.9380, 11.7380, -3.4780

# Conversions

## Conversions Part 2

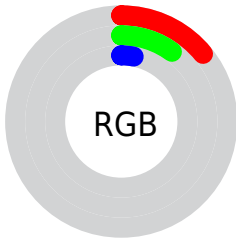
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 35, 7
Decimal	2300167
CIE <sub>Lab</sub>	9.54, 2.27, 11.45
CIE <sub>LCh</sub>	10, 11.670, 78.783
Yxy	1.0679, 0.4321, 0.4276
Android (android.graphics.Color)	4280490247 (0xFF231907)
YUV	25.9380, -9.3364, 7.9474
Hunter-Lab	10.3341, 0.5550, 5.2242

# Details

The Android color **4280490247** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **4278653219**, and the grayscale version is **4279900698**.

A 20% lighter version of the original color is **4283450420**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280489987**, and if you desaturate by 10%, it is **4280490507**.

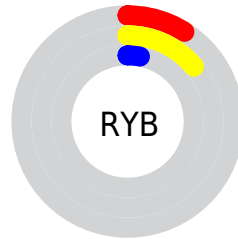
# Distribution



 Red (14%)

 Green (10%)

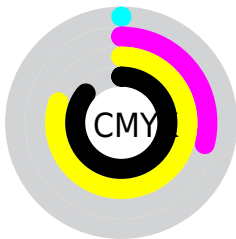
 Blue (3%)



 Red (9%)

 Yellow (14%)

 Blue (3%)

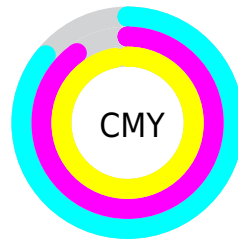


 Cyan (0%)

 Magenta (29%)

 Yellow (80%)

 Black (86%)



 Cyan (86%)

 Magenta (90%)

 Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280490247 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 4280490247 by changing the saturation by 10% instead.





4280490247



4280490247



4294966248



4278255616



4283450420



4278190080



4285029195



4286674019



4288449916



4290226325



4292002736



4293910475



4280490247



4280490247

■ 4280489987

■ 4280490507

■ 4280489728

■ 4280491022

■ 4280491282

■ 4280491541

■ 4280491801

■ 4280492316

■ 4280492576

■ 4280492835

■ 4280493095

# Harmonies

## Analogous

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



4280817165



4280490247



4280032264

# Triad

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



4280490247



4278198047



4280358693

# Complementary

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



4280490247



4278653219

# 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.



4279704105



4280490247



4278197798

# Square

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



4280490247



4278656791



4278852650



4280816926

# Rectangle

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



4280490247



4279639308



4278852650



4280162343



# Sweetspot

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



4280490247



4281215523



4280485649



4279702800



4288059030



4279703319



# Same Dimension

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



4280490247



4281212418



4280230663



4279374096



4283577344



4291921408



# Inverse Universe

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



4278653219



4278325806



4278912803



4279243026



4278197586

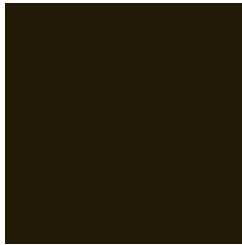


4278209489



# Previews

## White Background



This preview shows how the Android color 4280490247 looks on a white background.

## Color Contrast Check

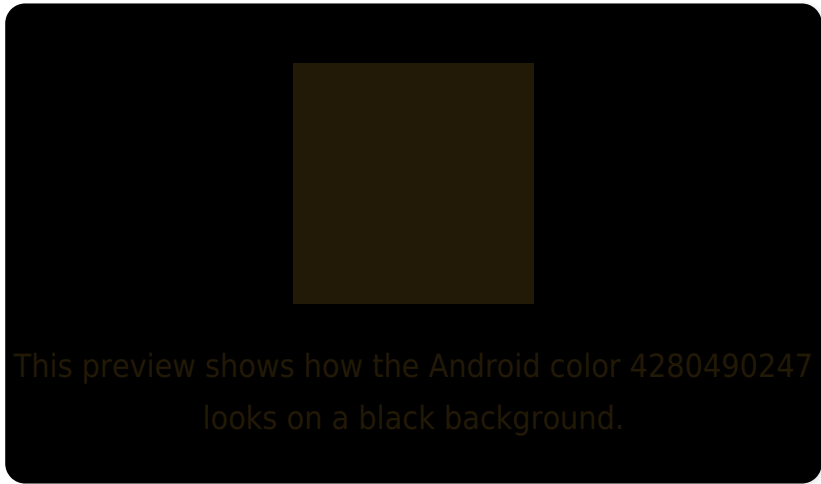
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280490247 Background



This preview shows how black text looks on a background with the Android color 4280490247.

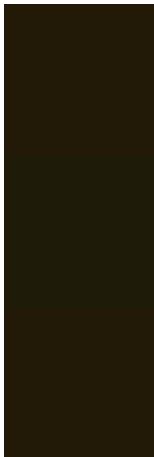


This preview shows how white text looks on a background with the Android color 4280490247.

# 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



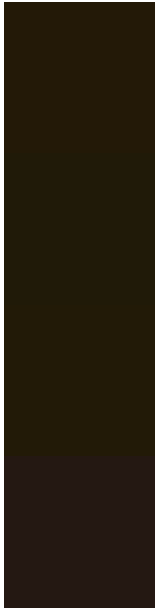
**Original Color**  
4280490247

**Protanopia**  
4280163080

**Deuteranopia**  
4280424967



# Trichromacy



**Original Color**

4280490247

**Protanomaly**

4280293896

**Deuteranomaly**

4280424967

**Tritanomaly**

4280555538

# Monochromacy



**Original Color**

4280490247

**Achromatopsia**

4279900698

**Achromatomaly**

4280097299

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280490247 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(35, 25, 7)` looks like.

```
.text, #text, p{  
    color:rgb(35, 25, 7)  
}
```

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(35, 25, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 25, 7) }
```

## Border

The CSS property to change the border of an element to Android 4280490247 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(35, 25, 7) }
```

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

```
.border{ border-color:rgb(35, 25, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 25, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 25, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(35, 25, 7); box-shadow:4px  
4px 4px 4px rgb(35, 25, 7) }
```

# Background

The CSS property to change the background color of an element to Android 4280490247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 25, 7) }
```

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

```
.background{ background-color: rgb(35, 25,  
7) }
```

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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