

# Converting Colors

Android(4281270280)

Have a look what the booklet for  
Android(4281270280) contains.

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# Color

**Android(4281270280)**

# Conversions

Conversions Part 1	
Format	Color
Hex	2F0008
RGB	47, 0, 8
RGB Percent	18%, 0%, 3%
CMY	0.8157, 1.0000, 0.9686
CMYK	0.00, 1.00, 0.83, 0.82
HSL	350°, 100%, 9%
HSV	350°, 100%, 18%
XYZ	1.2161, 0.6219, 0.2857
YIQ	14.9650, 25.4440, 12.4520

# Conversions

## Conversions Part 2

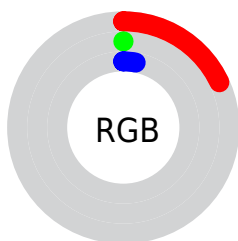
Format	Color
<a href="#">RYB</a>	<a href="#">47, 0, 8</a>
Decimal	<a href="#">3080200</a>
CIELab	<a href="#">5.62, 23.77, 5.60</a>
CIELCh	<a href="#">6, 24.418, 13.256</a>
Yxy	<a href="#">0.6219, 0.5727, 0.2928</a>
Android (android.graphics.Color)	<a href="#">4281270280</a> (0xFF2F0008)
YUV	<a href="#">14.9650, -3.4337, 28.0947</a>
Hunter-Lab	<a href="#">7.8859, 13.7271, 3.3723</a>

# Details

The Android color **4281270280** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **4278202151**, and the grayscale version is **4279176975**.

A 20% lighter version of the original color is **4284493109**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4281270280**, and if you desaturate by 10%, it is **4281271564**.

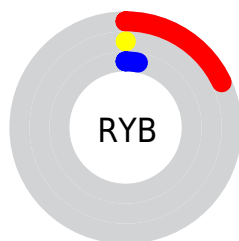
# Distribution



Red (18%)

Green (0%)

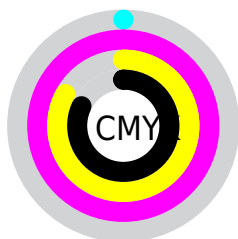
Blue (3%)



Red (18%)

Yellow (0%)

Blue (3%)

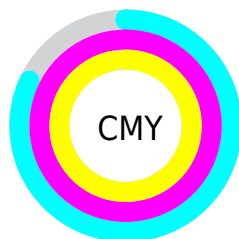


Cyan (0%)

Magenta (100%)

Yellow (83%)

Black (82%)



Cyan (82%)

Magenta (100%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281270280 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 4281270280 by changing the saturation by 10% instead.



 4281270280

 4281270280

 4294959849

 4279042048

 4284493109

 4278190080

 4286202956


 4287913316

 4289754748

 4291596438

 4293503665

 4294952652

 4281270280

■ 4281271564

■ 4281272592

■ 4281273876

■ 4281275160

■ 4281276444

■ 4281277471

■ 4281278755

■ 4281280039

■ 4281281067

# Harmonies

## Analogous

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



4280943132



4281270280



4281009408

# Triad

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



[4281270280](#)



[4278196480](#)



[4278196273](#)

# Complementary

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



4281270280



4278202151

# 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.



4278197032



4281270280



4278197250

# Square

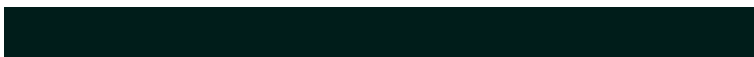
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4281270280



4279244032



4278197530



4278194738

# Rectangle

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



4281270280



4280617728



4278197530



4278196527



# Sweetspot

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



4281270280



4282198830



4280680495



4280226837



4288585374



4280229663



# Same Dimension

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



4281270280



4282187786



4281274112



4279702805



4283891727



4292214820



# Inverse Universe

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



4281270280



4282187786



4278198319



4279702805



4283891727

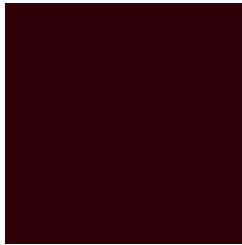


4292214820



# Previews

## White Background



This preview shows how the Android color 4281270280 looks on a white background.

## Color Contrast Check

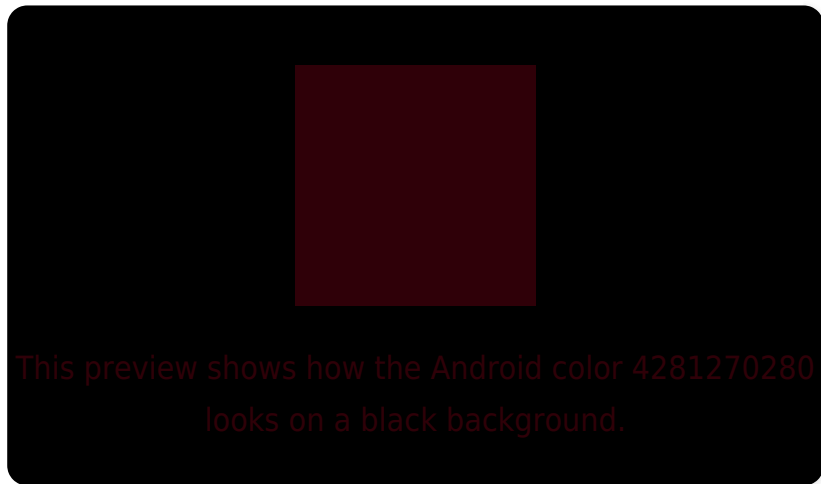
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281270280 Background



This preview shows how black text looks on a background with the Android color 4281270280.



This preview shows how white text looks on a background with the Android color 4281270280.

# 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**

4281270280

**Protanopia**

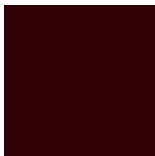
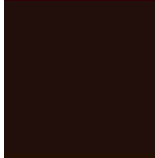
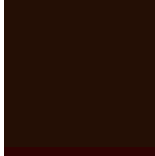

4279900173

**Deuteranopia**

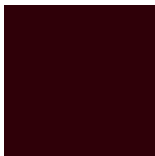
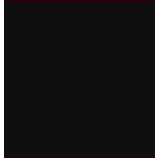
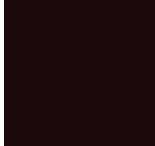
4280162051



# Trichromacy

	<b>Original Color</b> 4281270280
	<b>Protanomaly</b> 4280422155
	<b>Deuteranomaly</b> 4280553221
	<b>Tritanomaly</b> 4281271043

# Monochromacy

	<b>Original Color</b> 4281270280
	<b>Achromatopsia</b> 4279176975
	<b>Achromatomaly</b> 4279962124

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281270280 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(47, 0, 8)` looks like.

```
.text, #text, p{  
    color:rgb(47, 0, 8)  
}
```

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(47, 0, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 0, 8) }
```

## Border

The CSS property to change the border of an element to Android 4281270280 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(47, 0, 8) }
```

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

```
.border{ border-color:rgb(47, 0, 8) }
```

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

Here you see how a box with a 4 pixel rgb(47, 0, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 0, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(47, 0, 8); box-shadow:4px  
4px 4px 4px rgb(47, 0, 8) }
```

# Background

The CSS property to change the background color of an element to Android 4281270280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 0, 8) }
```

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

```
.background{ background-color: rgb(47, 0,  
8) }
```

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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