

# Converting Colors

Android(4281124864)

Have a look what the booklet for  
Android(4281124864) contains.

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# **Color**

**Android(4281124864)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2CC800
RGB	44, 200, 0
RGB Percent	17%, 78%, 0%
CMY	0.8275, 0.2157, 1.0000
CMYK	0.78, 0.00, 1.00, 0.22
HSL	107°, 100%, 39%
HSV	107°, 100%, 78%
XYZ	21.6930, 41.8440, 6.9334
YIQ	130.5560, -28.7760, -95.2720

# Conversions

## Conversions Part 2

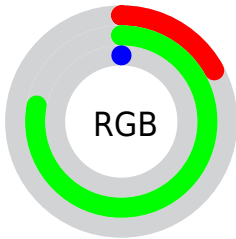
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 200, 156
Decimal	2934784
CIELab	70.76, -68.42, 69.73
CIELCh	71, 97.688, 134.458
Yxy	41.8440, 0.3078, 0.5938
Android (android.graphics.Color)	4281124864 (0xFF2CC800)
YUV	130.5560, -64.3641, -75.9096
Hunter-Lab	64.6870, -53.3416, 38.9260

# Details

The Android color `4281124864` is a dark color, and the websafe version is hex `33CC00`. The color can be described as dark washed green. A complement of this color would be `4288413896`, and the grayscale version is `4286808963`.

A 20% lighter version of the original color is `4285988689`, and `4278226944` is the 20% darker color. If you saturate the color by 10%, you get `4281124864`, and if you desaturate by 10%, it is `4282173460`.

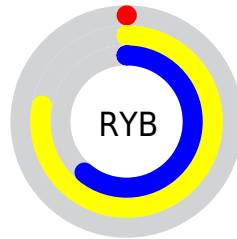
# Distribution



Red (17%)

Green (78%)

Blue (0%)



Red (0%)

Yellow (78%)

Blue (61%)

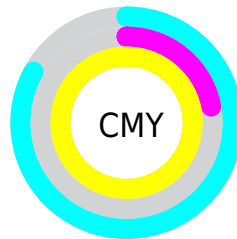


Cyan (78%)

Magenta (0%)

Yellow (100%)

Black (22%)



Cyan (83%)

Magenta (22%)


Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281124864 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 4281124864 by changing the saturation by 10% instead.



 4281124864

 4281124864

4294967295

 4278234112

 4285988689

 4278226944

 4288085870

 4278220032

 4290117514

 4278213376

 4292149159

 4278206976


 4294180804

 4278200832

 4294967265

 4278191360

 4278190080

 4281124864

 4282173460

 4283156520

 4284205116

 4285188176

 4286236772

 4287285368

 4288268428

 4289317024

 4290300084

# Harmonies

## Analogous

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



4289312512



4281124864



4278243450

# Triad

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



4281124864



4278240767



4294915975

# Complementary

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



4281124864



4288413896

# 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.



4294919647



4281124864



4278233855

# Square

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



4281124864



4278243839



4293164543



4294928943

# Rectangle

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



4281124864



4278244281



4293164543



4294914212

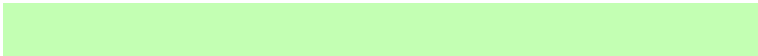


# Sweetspot

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



4281124864



4291035059



4291336448



4284252242



4278190080



4286611584



# Same Dimension

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



4281124864



4281925376



4278241333



4284244826



4280591104



4278723584



# Inverse Universe

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



4288413896



4291231999



4291297427



4284570211



4286513315

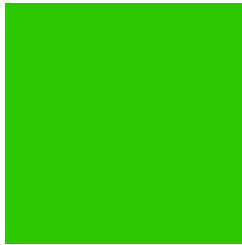


4280025124



# Previews

## White Background



This preview shows how the Android color 4281124864 looks on a white background.

## Color Contrast Check

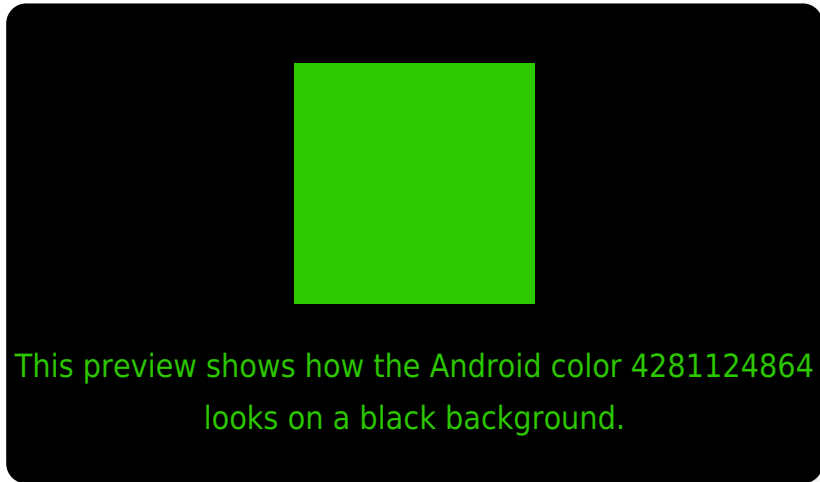
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



# Android 4281124864 Background



This preview shows how black text looks on a background with the Android color 4281124864.



This preview shows how white text looks on a background with the Android color 4281124864.

# 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



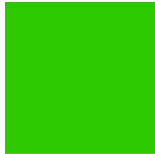
**Original Color**  
4281124864

**Protanopia**  
4290948096

**Deuteranopia**  
4292387627



# Trichromacy



**Original Color**

4281124864



**Protanomaly**

4287346176



**Deuteranomaly**

4288262171



**Tritanomaly**

4283154304

# Monochromacy



**Original Color**

4281124864



**Achromatopsia**

4286808963



**Achromatomaly**

4284718163

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281124864 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(44, 200, 0)` looks like.

```
.text, #text, p{  
    color:rgb(44, 200, 0)  
}
```

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(44, 200, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 200, 0) }
```

## Border

The CSS property to change the border of an element to Android 4281124864 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(44, 200, 0) }
```

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

```
.border{ border-color:rgb(44, 200, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 200, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 200, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 200, 0);  
box-shadow:4px 4px 4px 4px rgb(44, 200, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4281124864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 200, 0) }
```

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

```
.background{ background-color: rgb(44, 200,  
0) }
```

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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