

# Converting Colors

Android(4280272128)

Have a look what the booklet for  
Android(4280272128) contains.

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**Color**

**Android(4280272128)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1FC500
RGB	31, 197, 0
RGB Percent	12%, 77%, 0%
CMY	0.8784, 0.2275, 1.0000
CMYK	0.84, 0.00, 1.00, 0.23
HSL	111°, 100%, 39%
HSV	111°, 100%, 77%
XYZ	20.5313, 40.2238, 6.6819
YIQ	124.9080, -35.6990, -96.4590

# Conversions

## Conversions Part 2

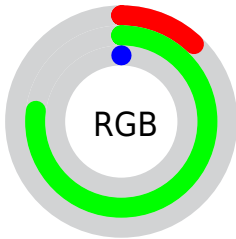
Format	Color
<a href="#">RYB</a>	<a href="#">0, 197, 166</a>
Decimal	<a href="#">2082048</a>
CIELab	<a href="#">69.63, -69.08, 68.75</a>
CIELCh	<a href="#">70, 97.462, 135.139</a>
Yxy	<a href="#">40.2238, 0.3045, 0.5965</a>
Android (android.graphics.Color)	<a href="#">4280272128 (0xFF1FC500)</a>
YUV	<a href="#">124.9080, -61.5796, -82.3573</a>
Hunter-Lab	<a href="#">63.4222, -53.2041, 38.1491</a>

# Details

The Android color `4280272128` 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 `4289069253`, and the grayscale version is `4286479998`.

A 20% lighter version of the original color is `4285529936`, and `4278226176` is the 20% darker color. If you saturate the color by 10%, you get `4280272128`, and if you desaturate by 10%, it is `4281386260`.

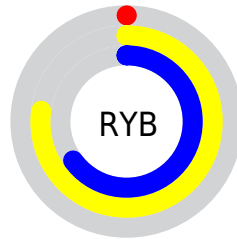
# Distribution



Red (12%)

Green (77%)

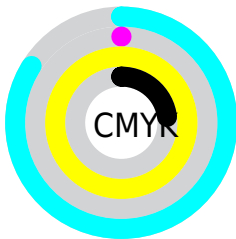
Blue (0%)



Red (0%)

Yellow (77%)

Blue (65%)

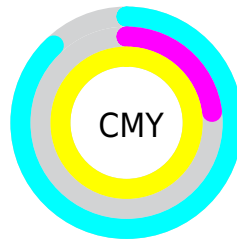


Cyan (84%)

Magenta (0%)

Yellow (100%)

Black (23%)



Cyan (88%)

Magenta (23%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280272128 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 4280272128 by changing the saturation by 10% instead.



 4280272128

 4280272128

4294967295

 4278233344

 4285529936

 4278226176

 4287627117

 4278219520

 4289724297

 4278212864

 4291690406

 4278206464

 4293722050

 4278200064

 4294967264

 4278190080

 4294967293

 4280272128

 4281386260

 4282434855

 4283548987

 4284597583

 4285711715

 4286825846

 4287874442

 4288988574

 4290037169

# Harmonies

## Analogous

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



4288984064



4280272128



4278242681

# Triad

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



4280272128



4278239743



4294914946

# Complementary

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



4280272128



4289069253

# 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.



4294918362



4280272128



4278232831

# Square

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



4280272128



4278242815



4293097983



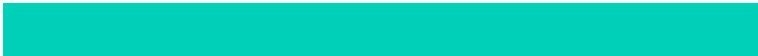
4294928426

# Rectangle

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



4280272128



4278243512



4293097983



4294912671

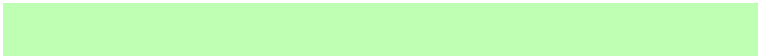


# Sweetspot

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



4280272128



4290772915



4291142656



4284055634



4278190080



4286611584



# Same Dimension

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



4280272128



4280876800



4278240578



4284179290



4279935744



4278592512



# Inverse Universe

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



4289069253



4292280575



4291100803



4284635747



4287234211

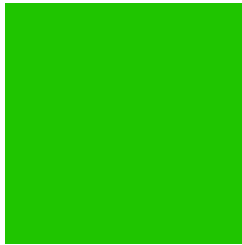


4280156196



# Previews

## White Background



This preview shows how the Android color 4280272128 looks on a white background.

## Color Contrast Check

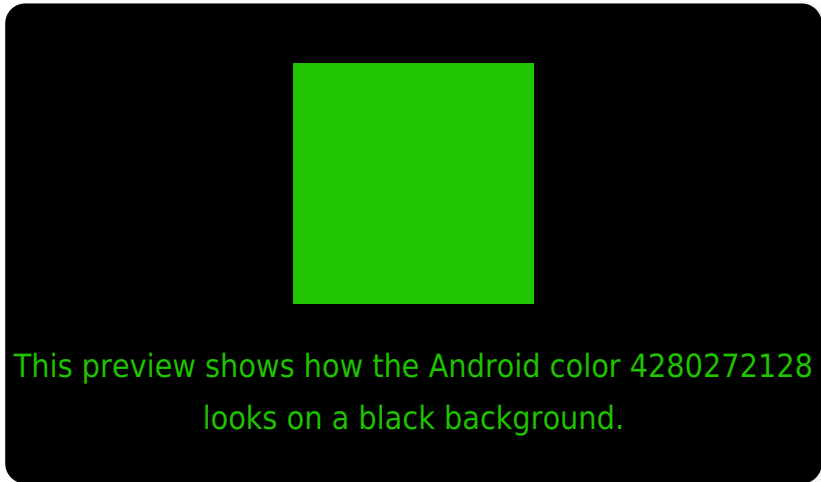
Large Text (above 18pt) WCAG AA × Fail

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 4280272128 Background



This preview shows how black text looks on a background with the Android color 4280272128.

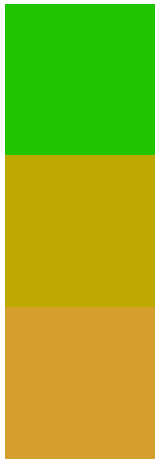


This preview shows how white text looks on a background with the Android color 4280272128.

# 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



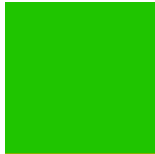
**Original Color**  
4280272128

**Protanopia**  
4290685184

**Deuteranopia**  
4292124715



# Trichromacy



**Original Color**

4280272128



**Protanomaly**

4286886656



**Deuteranomaly**

4287802651



**Tritanomaly**

4282629246

# Monochromacy



**Original Color**

4280272128



**Achromatopsia**

4286414205



**Achromatomaly**

4284192592

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280272128 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(31, 197, 0)` looks like.

```
.text, #text, p{  
    color:rgb(31, 197, 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(31, 197, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 197, 0) }
```

## Border

The CSS property to change the border of an element to Android 4280272128 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(31, 197, 0) }
```

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

```
.border{ border-color:rgb(31, 197, 0) }
```

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

Here you see how a box with a 4 pixel rgb(31, 197, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 197, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 197, 0);  
box-shadow:4px 4px 4px 4px rgb(31, 197, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280272128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 197, 0) }
```

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

```
.background{ background-color: rgb(31, 197,  
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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