

# Converting Colors

Android(4287417088)

Have a look what the booklet for  
Android(4287417088) contains.

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# **Color**

**Android(4287417088)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 8CCB00                      |
| RGB         | 140, 203, 0                 |
| RGB Percent | 55%, 80%, 0%                |
| CMY         | 0.4510, 0.2039, 1.0000      |
| CMYK        | 0.31, 0.00, 1.00, 0.20      |
| HSL         | 79°, 100%, 40%              |
| HSV         | 79°, 100%, 80%              |
| XYZ         | 32.1712, 48.2873, 7.6248    |
| YIQ         | 161.0210, 27.6150, -76.4890 |

# Conversions

## Conversions Part 2

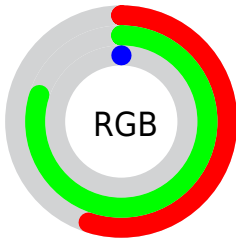
| Format                              | Color                           |
|-------------------------------------|---------------------------------|
| <a href="#">RYB</a>                 | 0, 203, 63                      |
| Decimal                             | 9227008                         |
| CIELab                              | 75.01, -43.81, 74.47            |
| CIELCh                              | 75, 86.402, 120.469             |
| Yxy                                 | 48.2873, 0.3652,<br>0.5482      |
| Android<br>(android.graphics.Color) | 4287417088<br>(0xFF8CCB00)      |
| YUV                                 | 161.0210, -79.3834,<br>-18.4354 |
| Hunter-Lab                          | 69.4891, -38.9663,<br>42.1367   |

# Details

The Android color **4287417088** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **4282319051**, and the grayscale version is **4288848546**.

A 20% lighter version of the original color is **4291297107**, and **4283601920** is the 20% darker color. If you saturate the color by 10%, you get **4287417088**, and if you desaturate by 10%, it is **4287810324**.

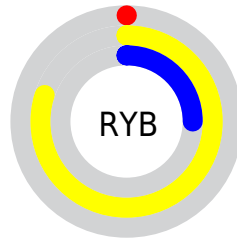
# Distribution



Red (55%)

Green (80%)

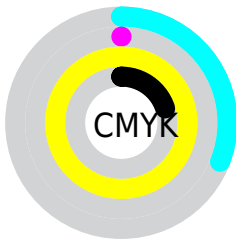
Blue (0%)



Red (0%)

Yellow (80%)

Blue (25%)

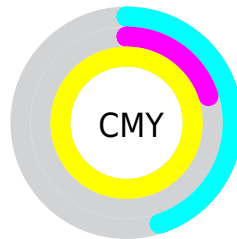


Cyan (31%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (45%)

Magenta (20%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287417088 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 4287417088 by changing the saturation by 10% instead.



 4287417088

 4287417088

4294967295

 4285509376

 4291297107

 4283601920

 4293197680

 4281629184

 4294967181

 4279001344

 4294967210

 4278208512

 4294967239

 4278202624

 4294967268

 4278196736

 4278190080

 4287417088

 4287810324

 4288269097

 4288662333


 4289055569

 4289514342

 4289907578

 4290300814

 4290694050

 4291152823

# Harmonies

## Analogous

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



4292654592



4287417088



4278245221

# Triad

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



4287417088



4278244607



4294926779

# Complementary

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



4287417088



4282319051

# 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.



4294933503



4287417088



4278239999

# Square

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



4287417088



4278246655



4290094079



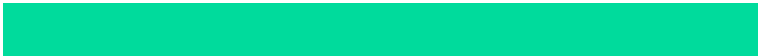
4294930797

# Rectangle

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



4287417088



4278246300



4290094079



4294928086

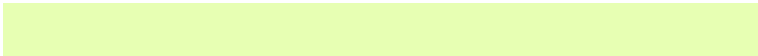


# Sweetspot

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



4287417088



4293394355



4291509504



4285628498



4278190080



4286611584



# Same Dimension

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



4287417088



4289789696



4280929024



4284704348



4285703680



4279903744



# Inverse Universe

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



4282319051



4283367679



4288807115



4284439654



4281532582



4278976550



# Previews

## White Background



This preview shows how the Android color 4287417088 looks on a white background.

## Color Contrast Check

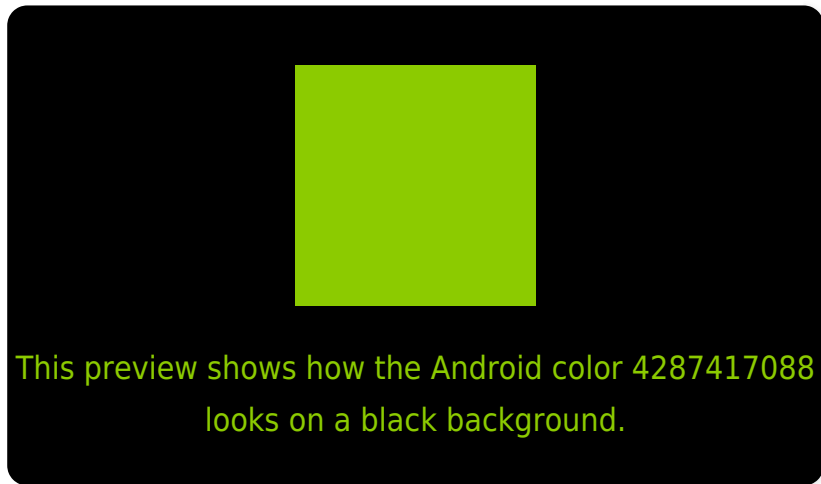
Large Text (above 18pt) WCAG AA × Fail

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 4287417088 Background



This preview shows how black text looks on a background with the Android color 4287417088.



This preview shows how white text looks on a background with the Android color 4287417088.

# 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**  
4287417088

**Protanopia**  
4291803136

**Deuteranopia**  
4293439015



# Trichromacy



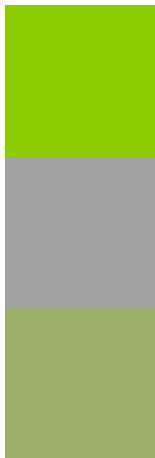
**Original Color**  
4287417088

**Protanomaly**  
4290232064

**Deuteranomaly**  
4291279129

**Tritanomaly**  
4288266882

# Monochromacy



**Original Color**  
4287417088

**Achromatopsia**  
4288782753

**Achromatomaly**  
4288262246

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287417088 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(140, 203, 0)` looks like.

```
.text, #text, p{  
    color:rgb(140, 203, 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(140, 203, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 203, 0) }
```

## Border

The CSS property to change the border of an element to Android 4287417088 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(140, 203, 0) }
```

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

```
.border{ border-color:rgb(140, 203, 0) }
```

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

Here you see how a box with a 4 pixel rgb(140, 203, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 203, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 203, 0);  
box-shadow:4px 4px 4px 4px rgb(140, 203,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4287417088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 203, 0) }
```

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

```
.background{ background-color: rgb(140,  
203, 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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