

# Converting Colors

Android(4278255372)

Have a look what the booklet for  
Android(4278255372) contains.

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# **Color**

**Android(4278255372)**

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 00FF0C                        |
| RGB         | 0, 255, 12                    |
| RGB Percent | 0%, 100%, 5%                  |
| CMY         | 1.0000, 0.0000, 0.9529        |
| CMYK        | 1.00, 0.00, 0.95, 0.00        |
| HSL         | 123°, 100%, 50%               |
| HSV         | 123°, 100%, 100%              |
| XYZ         | 35.8264, 71.5465, 12.2695     |
| YIQ         | 151.0530, -73.9770, -129.6330 |

# Conversions

## Conversions Part 2

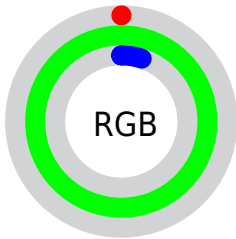
| <b>Format</b>                       | <b>Color</b>                     |
|-------------------------------------|----------------------------------|
| <a href="#">RYB</a>                 | 0, 244, 255                      |
| Decimal                             | 65292                            |
| CIELab                              | 87.75, -86.02, 82.28             |
| CIElCh                              | 88, 119.031, 136.273             |
| Yxy                                 | 71.5465, 0.2994,<br>0.5980       |
| Android<br>(android.graphics.Color) | 4278255372<br>(0xFF00FF0C)       |
| YUV                                 | 151.0530, -68.5531,<br>-132.4735 |
| Hunter-Lab                          | 84.5852, -72.4198,<br>50.6094    |

# Details

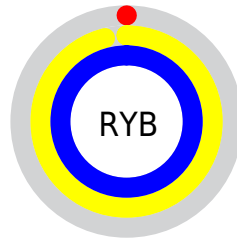
The Android color `4278255372` is a dark color, and the websafe version is hex `00FF00`. The color can be described as dark saturated green. A complement of this color would be `4294902003`, and the grayscale version is `4288190616`.

A 20% lighter version of the original color is `4286119775`, and `4278240256` is the 20% darker color. If you saturate the color by 10%, you get `4278255372`, and if you desaturate by 10%, it is `4279893796`.

# Distribution



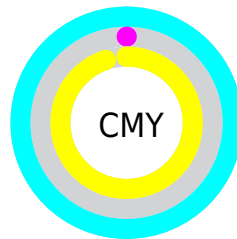
- Red (0%)
- Green (100%)
- Blue (5%)



- Red (0%)
- Yellow (96%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (95%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278255372 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 4278255372 by changing the saturation by 10% instead.



 4278255372

 4278255372

4294967295

 4278247680

 4286119775

 4278240256

 4288413565

 4278233088

 4290641819

 4278225920

 4292804537

 4278219008

 4294967255

 4278212096

 4294967285

 4278205696

 4278198784

 4278190080

 4278255372

 4279893796

 4281597757


 4283301717

 4284940141

 4286644101

 4288282526

 4289986486

 4291624910

 4293328871

# Harmonies

## Analogous

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



4291881472



4278255372



4278255522

# Triad

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



4278255372



4278254079



4294919076

# Complementary

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



4278255372



4294902003

# 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.



4294922239



4278255372



4278244863

# Square

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



4278255372



4278255615



4294941695



4294937138

# Rectangle

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



4278255372



4278255602



4294941695



4294915529

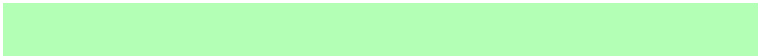


# Sweetspot

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



4278255372



4289986486



4294442752



4283596884



4278190080



4286611584



# Same Dimension

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



4278255372



4278255496



4285759603



4278238985



4278206467

# Inverse Universe

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



4294902003



4294901879



4286608255



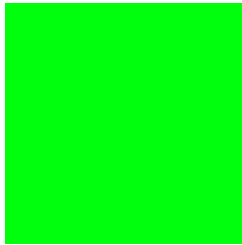
4290707638



4282384445

# Previews

## White Background



This preview shows how the Android color 4278255372 looks on a white background.

## Color Contrast Check

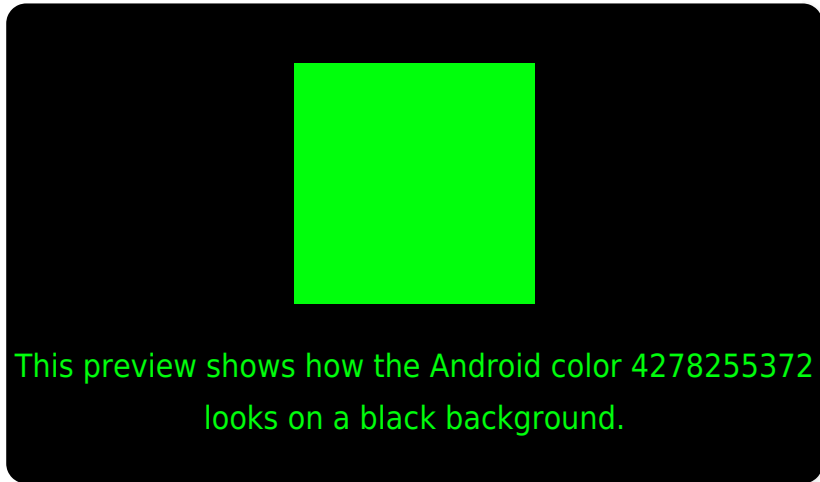
Large Text (above 18pt) WCAG AA × Fail

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

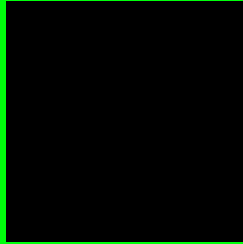
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

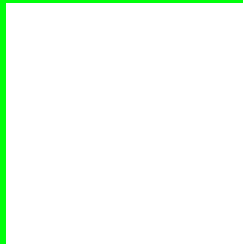
Any Text WCAG AAA ✓ Pass

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

# Android 4278255372 Background



This preview shows how black text looks on a background with the Android color 4278255372.

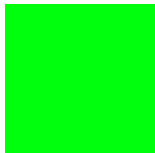


This preview shows how white text looks on a background with the Android color 4278255372.

# 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**  
4278255372

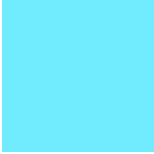


**Protanopia**  
4294367744



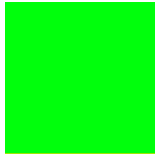
**Deuteranopia**  
4294955919





**Tritanopia**  
4285656319

# Trichromacy



**Original Color**

4278255372



**Protanomaly**

4288538372



**Deuteranomaly**

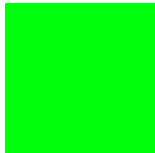
4288865119



**Tritanomaly**

4282971047

# Monochromacy



**Original Color**

4278255372



**Achromatopsia**

4288124823



**Achromatomaly**

4284530020

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278255372 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(0, 255, 12)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 12)  
}
```

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(0, 255, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 12) }
```

## Border

The CSS property to change the border of an element to Android 4278255372 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(0, 255, 12) }
```

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

```
.border{ border-color:rgb(0, 255, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 255, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 12);  
box-shadow:4px 4px 4px 4px rgb(0, 255, 12)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278255372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 255, 12) }
```

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

```
.background{ background-color: rgb(0, 255,  
12) }
```

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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