

# Converting Colors

Android(4278379008)

Have a look what the booklet for  
Android(4278379008) contains.

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**Color**

**Android(4278379008)**

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 02E200                        |
| RGB         | 2, 226, 0                     |
| RGB Percent | 1%, 89%, 0%                   |
| CMY         | 0.9922, 0.1137, 1.0000        |
| CMYK        | 0.99, 0.00, 1.00, 0.11        |
| HSL         | 119°, 100%, 44%               |
| HSV         | 119°, 100%, 89%               |
| XYZ         | 27.2214, 54.4056, 9.0666      |
| YIQ         | 133.2600, -60.9580, -117.7740 |

# Conversions

## Conversions Part 2

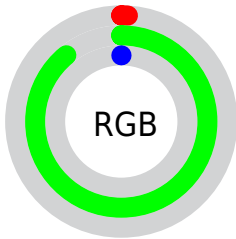
| <b>Format</b>                       | <b>Color</b>                     |
|-------------------------------------|----------------------------------|
| <b>RYB</b>                          | 0, 226, 224                      |
| Decimal                             | 188928                           |
| CIELab                              | 78.70, -78.60, 75.94             |
| CIELCh                              | 79, 109.290, 135.987             |
| Yxy                                 | 54.4056, 0.3001,<br>0.5999       |
| Android<br>(android.graphics.Color) | 4278379008<br>(0xFF02E200)       |
| YUV                                 | 133.2600, -65.6972,<br>-115.1150 |
| Hunter-Lab                          | 73.7602, -63.2044,<br>44.3442    |

# Details

The Android color `4278379008` is a dark color, and the websafe version is hex `33FF33`. The color can be described as dark washed green. A complement of this color would be `4292870370`, and the grayscale version is `4287006342`.

A 20% lighter version of the original color is `4285595478`, and `4278233344` is the 20% darker color. If you saturate the color by 10%, you get `4278379008`, and if you desaturate by 10%, it is `4279820823`.

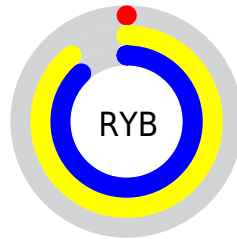
# Distribution



Red (1%)

Green (89%)

Blue (0%)



Red (0%)

Yellow (89%)

Blue (88%)

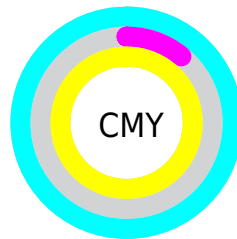


Cyan (99%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (99%)

Magenta (11%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278379008 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 4278379008 by changing the saturation by 10% instead.



|  |  |
|--|--|
|  4278379008   |  4278379008   |
| 4294967295   |  4278240512   |
|  4285595478   |  4278233344   |
|  4287823732   |  4278226176   |
|  4289986449   |  4278219264   |
|  4292083630   |  4278212352   |
|  4294180812   |  4278206208   |
|  4294967273 |  4278199552 |
|  |  4278190080 |

 4278379008

 4279820823

 4281328173

 4282769988


 4284277338

 4285719153

 4287160968

 4288668318

 4290110133

 4291617483

# Harmonies

## Analogous

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



4290301696



4278379008



4278250382

# Triad

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



4278379008



4278246911



4294915986

# Complementary

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



4278379008



4292870370

# 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.



4294919415



4278379008



4278238719

# Square

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



4278379008



4278250495



4294936831



4294932523

# Rectangle

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



4278379008



4278251221



4294936831



4294912691

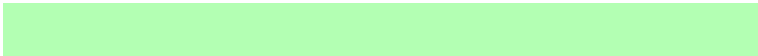


# Sweetspot

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



4278379008



4289986483



4293058048



4283596882



4278190080



4286611584



# Same Dimension

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



4278379008



4278386432



4278248045



4284837989



4278366208



4278202368



# Inverse Universe

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



4292870370



4294770943



4293001333



4285556080



4289593520

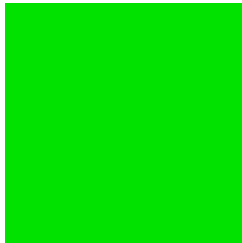


4281335856



# Previews

## White Background



This preview shows how the Android color 4278379008 looks on a white background.

## Color Contrast Check

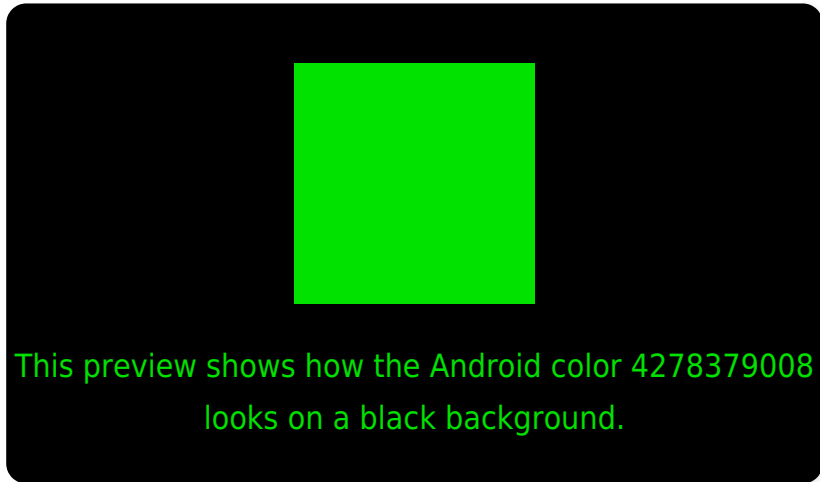
Large Text (above 18pt) WCAG AA × Fail

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

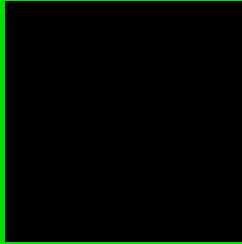
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

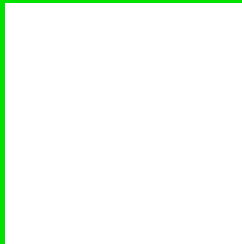
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278379008 Background



This preview shows how black text looks on a background with the Android color 4278379008.



This preview shows how white text looks on a background with the Android color 4278379008.

# 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



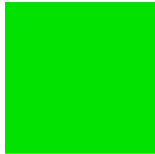
**Original Color**  
4278379008

**Protanopia**  
4292526336

**Deuteranopia**  
4294162225



# Trichromacy



**Original Color**

4278379008



**Protanomaly**

4287352064



**Deuteranomaly**

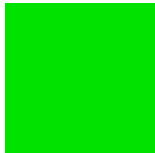
4288399135



**Tritanomaly**

4282243216

# Monochromacy



**Original Color**

4278379008



**Achromatopsia**

4286940549



**Achromatomaly**

4283803477

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278379008 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(2, 226, 0)` looks like.

```
.text, #text, p{  
    color:rgb(2, 226, 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(2, 226, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 226, 0) }
```

## Border

The CSS property to change the border of an element to Android 4278379008 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(2, 226, 0) }
```

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

```
.border{ border-color:rgb(2, 226, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 226, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 226, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 226, 0); box-shadow:4px  
4px 4px 4px rgb(2, 226, 0) }
```

# Background

The CSS property to change the background color of an element to Android 4278379008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 226, 0) }
```

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

```
.background{ background-color: rgb(2, 226,  
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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