

# Converting Colors

Android(4278255117)

Have a look what the booklet for  
Android(4278255117) contains.

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**Color**

**Android(4278255117)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00FE0D
RGB	0, 254, 13
RGB Percent	0%, 100%, 5%
CMY	1.0000, 0.0039, 0.9490
CMYK	1.00, 0.00, 0.95, 0.00
HSL	123°, 100%, 50%
HSV	123°, 100%, 100%
XYZ	35.5145, 70.9127, 12.1965
YIQ	150.5800, -74.0230, -128.7990

# Conversions

## Conversions Part 2

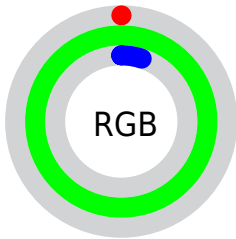
Format	Color
<a href="#">RYB</a>	<a href="#">0, 242, 254</a>
Decimal	<a href="#">65037</a>
CIELab	<a href="#">87.44, -85.74, 81.94</a>
CIELCh	<a href="#">87, 118.600, 136.300</a>
Yxy	<a href="#">70.9127, 0.2994, 0.5978</a>
Android (android.graphics.Color)	<a href="#">4278255117 (0xFF00FE0D)</a>
YUV	<a href="#">150.5800, -67.8269, -132.0587</a>
Hunter-Lab	<a href="#">84.2097, -72.0866, 50.3595</a>

# Details

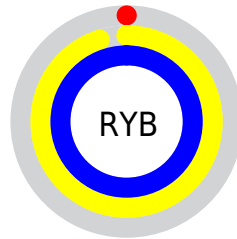
The Android color `4278255117` is a dark color, and the websafe version is hex `00FF00`. The color can be described as dark saturated green. A complement of this color would be `4294836465`, and the grayscale version is `4288124823`.

A 20% lighter version of the original color is `4286119775`, and `4278240000` is the 20% darker color. If you saturate the color by 10%, you get `4278255117`, and if you desaturate by 10%, it is `4279893541`.

# Distribution



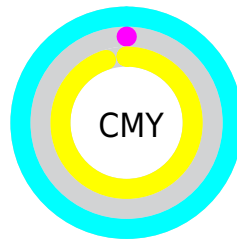
- Red (0%)
- Green (100%)
- Blue (5%)



- Red (0%)
- Yellow (95%)
- 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 4278255117 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 4278255117 by changing the saturation by 10% instead.



 4278255117

 4278255117

4294967295

 4278247424

 4286119775

 4278240000

 4288413565

 4278232832

 4290641819

 4278225664

 4292804537

 4278218752

 4294967255

 4278211840

 4294967285

 4278205440

 4278198528

 4278190080

 4278255117

 4279893541

 4281597501


 4283235925

 4284939885

 4286578309

 4288216734

 4289920694

 4291559118

 4293263078

# Harmonies

## Analogous

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



4291815680



4278255117



4278255521

# Triad

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



4278255117



4278253823



4294919076

# Complementary

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



4278255117



4294836465

# 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



4278255117



4278244607

# Square

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



4278255117



4278255615



4294941439



4294936882

# Rectangle

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



4278255117



4278255601



4294941439



4294915529

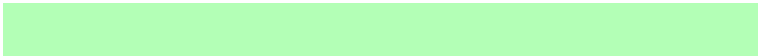


# Sweetspot

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



4278255117



4289986486



4294049280



4283596884



4278190080



4286611584



# Same Dimension

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



4278255117



4278255373



4278255244



4285759603



4278238986



4278206467



# Inverse Universe

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



4294836465



4294902002



4294836338



4286608255



4290707637

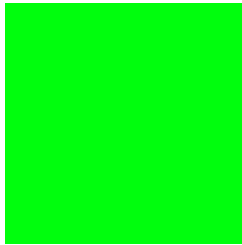


4282384444



# Previews

## White Background



This preview shows how the Android color 4278255117 looks on a white background.

## Color Contrast Check

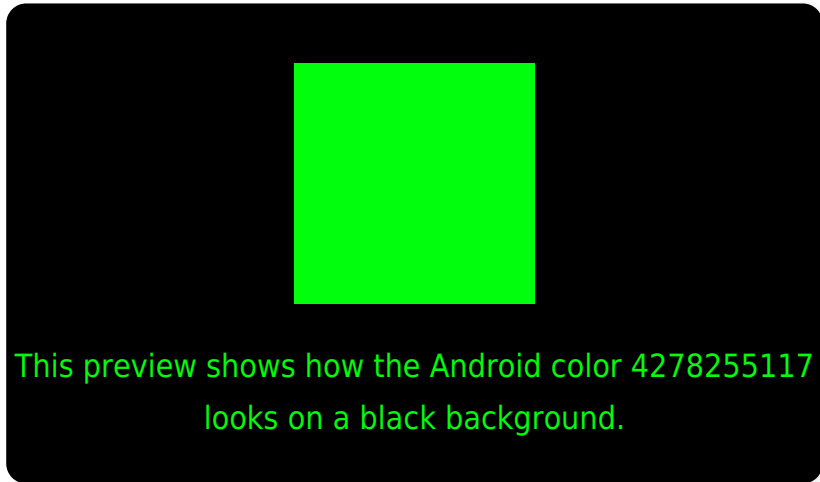
Large Text (above 18pt) WCAG AA × Fail

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

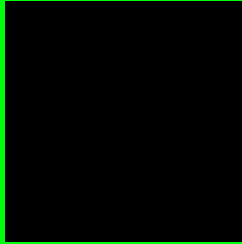
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

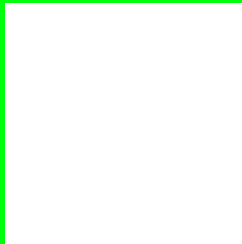
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278255117 Background



This preview shows how black text looks on a background with the Android color 4278255117.



This preview shows how white text looks on a background with the Android color 4278255117.

# Color Blindness Simulation

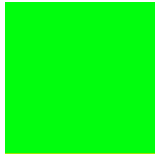
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**

4278255117



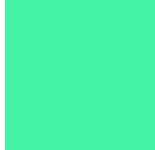
**Protanomaly**

4288472581



**Deuteranomaly**

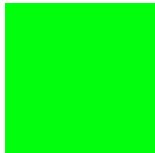
4288864862



**Tritanomaly**

4282774439

# Monochromacy



**Original Color**

4278255117



**Achromatopsia**

4288124823



**Achromatomaly**

4284529765

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278255117 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, 254, 13)` looks like.

```
.text, #text, p{  
    color:rgb(0, 254, 13)  
}
```

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, 254, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 254, 13) }
```

## Border

The CSS property to change the border of an element to Android 4278255117 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, 254, 13) }
```

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

```
.border{ border-color:rgb(0, 254, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 254, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 254, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 254, 13);  
box-shadow:4px 4px 4px 4px rgb(0, 254, 13)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278255117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 254, 13) }
```

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

```
.background{ background-color: rgb(0, 254,  
13) }
```

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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