

# Converting Colors

Android(4278247168)

Have a look what the booklet for  
Android(4278247168) contains.

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# **Color**

**Android(4278247168)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00DF00
RGB	0, 223, 0
RGB Percent	0%, 87%, 0%
CMY	1.0000, 0.1255, 1.0000
CMYK	1.00, 0.00, 1.00, 0.13
HSL	120°, 100%, 44%
HSV	120°, 100%, 87%
XYZ	26.3877, 52.7754, 8.7959
YIQ	130.9010, -61.3250, -116.6290

# Conversions

## Conversions Part 2

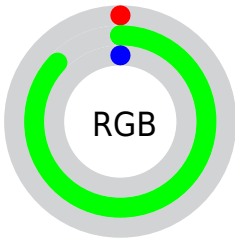
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 223, 223
Decimal	57088
CIELab	77.74, -77.88, 75.17
CIELCh	78, 108.238, 136.016
Yxy	52.7754, 0.3000, 0.6000
Android (android.graphics.Color)	4278247168 (0xFF00DF00)
YUV	130.9010, -64.5342, -114.8002
Hunter-Lab	72.6466, -62.2945, 43.6740

# Details

The Android color **4278247168** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **4292804831**, and the grayscale version is **4286874756**.

A 20% lighter version of the original color is **4285529941**, and **4278232576** is the 20% darker color. If you saturate the color by 10%, you get **4278247168**, and if you desaturate by 10%, it is **4279688982**.

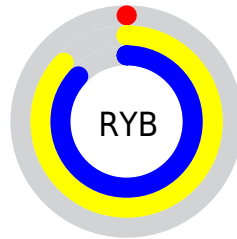
# Distribution



Red (0%)

Green (87%)

Blue (0%)



Red (0%)

Yellow (87%)

Blue (87%)

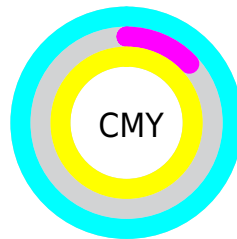


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (13%)



Cyan (100%)

Magenta (13%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278247168 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 4278247168 by changing the saturation by 10% instead.



 4278247168

 4278247168

4294967295

 4278239744

 4285529941

 4278232576

 4287758195

 4278225408

 4289920912

 4278218496

 4292018093

 4278211840

 4294115275

 4278205696

 4294967272

 4278198784

 4278190080

 4278247168

 4279688982

 4281196333

 4282638147

 4284079961

 4285587312

 4287029126

 4288470940

 4289912754

 4291420105

# Harmonies

## Analogous

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



4290169856



4278247168



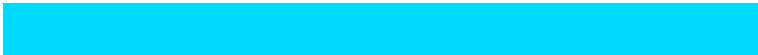
4278249612

# Triad

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



4278247168



4278246143



4294915728

# Complementary

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



4278247168



4292804831

# 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.



4294918900



4278247168



4278237951

# Square

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



4278247168



4278249727



4294936319



4294932010

# Rectangle

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



4278247168



4278250450



4294936319



4294912433

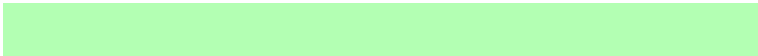


# Sweetspot

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



4278247168



4289986483



4292861696



4283596882



4278190080



4286611584



# Same Dimension

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



4278247168



4278255360



4278247280



4284837989



4278235136



4278202368



# Inverse Universe

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



4292804831



4294902015



4292804720



4285556080



4289724592

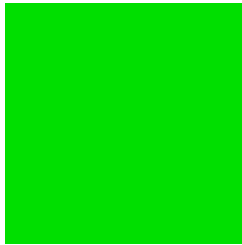


4281335856



# Previews

## White Background



This preview shows how the Android color 4278247168 looks on a white background.

## Color Contrast Check

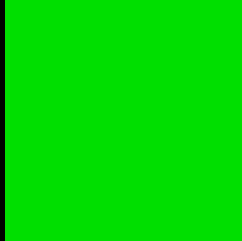
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4278247168 looks on a 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

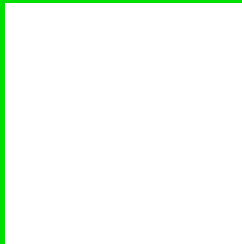
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278247168 Background



This preview shows how black text looks on a background with the Android color 4278247168.



This preview shows how white text looks on a background with the Android color 4278247168.

# 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



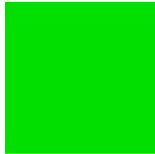
**Original Color**  
4278247168

**Protanopia**  
4292329216

**Deuteranopia**  
4293899568



# Trichromacy



**Original Color**

4278247168



**Protanomaly**

4287220480



**Deuteranomaly**

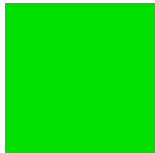
4288201759



**Tritanomaly**

4282176911

# Monochromacy



**Original Color**

4278247168



**Achromatopsia**

4286808963



**Achromatomaly**

4283671635

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278247168 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, 223, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 223, 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(0, 223, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 223, 0) }
```

## Border

The CSS property to change the border of an element to Android 4278247168 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, 223, 0) }
```

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

```
.border{ border-color:rgb(0, 223, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 223, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 223, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 223, 0); box-shadow:4px  
4px 4px 4px rgb(0, 223, 0) }
```

# Background

The CSS property to change the background color of an element to Android 4278247168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 223, 0) }
```

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

```
.background{ background-color: rgb(0, 223,  
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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