

# Converting Colors

Android(4288872319)

Have a look what the booklet for  
Android(4288872319) contains.

<b>Android(4288872319)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4288872319)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2FF7F
RGB	162, 255, 127
RGB Percent	64%, 100%, 50%
CMY	0.3647, 0.0000, 0.5020
CMYK	0.36, 0.00, 0.50, 0.00
HSL	104°, 100%, 75%
HSV	104°, 50%, 100%
XYZ	54.4911, 80.7337, 32.7899
YIQ	212.6010, -14.3400, -59.5240

# Conversions

## Conversions Part 2

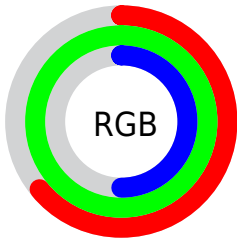
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">127, 255, 220</a>
Decimal	<a href="#">10682239</a>
CIELab	<a href="#">92.01, -50.21, 52.17</a>
CIElCh	<a href="#">92, 72.406, 133.900</a>
Yxy	<a href="#">80.7337, 0.3243, 0.4805</a>
Android (android.graphics.Color)	<a href="#">4288872319 (0xFFA2FF7F)</a>
YUV	<a href="#">212.6010, -42.2013, -44.3771</a>
Hunter-Lab	<a href="#">89.8519, -48.9888, 41.2595</a>

# Details

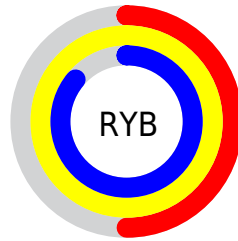
The Android color `4288872319` is a light color, and the websafe version is hex `99FF66`. A complement of this color would be `4292640767`, and the grayscale version is `4292203989`.

A 20% lighter version of the original color is `4292673462`, and `4285122122` is the 20% darker color. If you saturate the color by 10%, you get `4287627110`, and if you desaturate by 10%, it is `4290117529`.

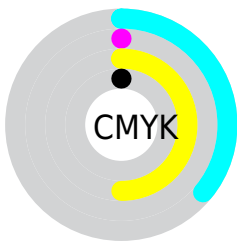
# Distribution



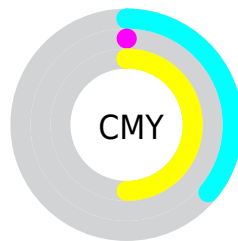
- Red (64%)
- Green (100%)
- Blue (50%)



- Red (50%)
- Yellow (100%)
- Blue (86%)



- Cyan (36%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)



- Cyan (36%)
- Magenta (0%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288872319 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 4288872319 by changing the saturation by 10% instead.



 4288872319

 4288872319

4294967295

 4286964324


 4292673462

 4285122122

 4294639570

 4283214383

 4294967279

 4281110287

 4278220032

 4278213376

 4278206976

 4278201600

 4278193408

■ 4288872319

■ 4288872319

■ 4287627110

■ 4290117529

■ 4286447436

■ 4291297202

■ 4285202227

■ 4292542412

■ 4284022553

■ 4293722085

■ 4282842880

4294967295

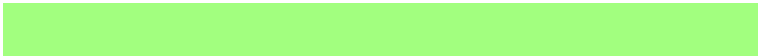
# Harmonies

## Analogous

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



4293979992



4288872319



4278255551

# Triad

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



4288872319



4278254335



4294945738

# Complementary

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



4288872319



4292640767

# Split Complementary

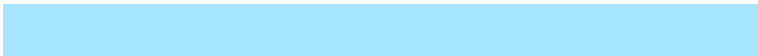
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294947071



4288872319



4289259007

# Square

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



4288872319



4278255615



4294953215



4294950282

# Rectangle

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



4288872319



4278255599



4294953215



4294945506

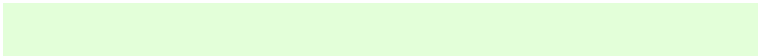


# Sweetspot

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



4288872319



4293132249



4294957951



4285497449



4278190080



4286611584



# Same Dimension

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



4288872319



4287692646



4286578587



4285956211



4281646848



4279320576



# Inverse Universe

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



4292640767



4292175615



4294934499



4286346112



4287299775

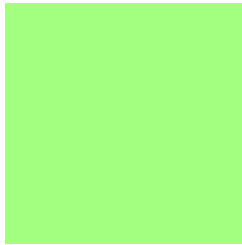


4281204800



# Previews

## White Background



This preview shows how the Android color 4288872319 looks on a white background.

## Color Contrast Check

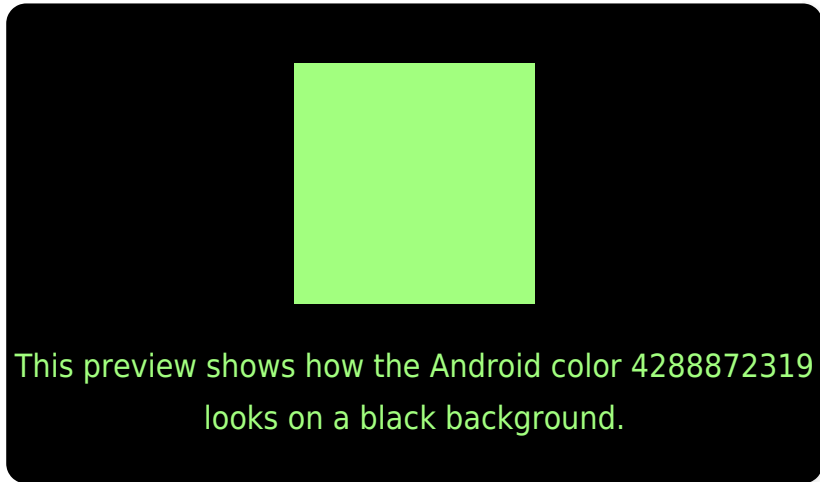
Large Text (above 18pt) WCAG AA × Fail

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

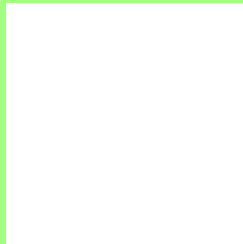
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4288872319 Background



This preview shows how black text looks on a background with the Android color 4288872319.

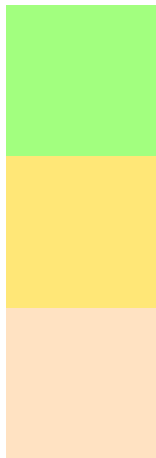


This preview shows how white text looks on a background with the Android color 4288872319.

# 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**  
4288872319

**Protanopia**  
4294961015

**Deuteranopia**  
4294959810

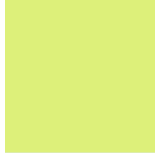


**Tritanopia**  
4290899967

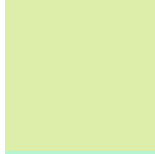
# Trichromacy



**Original Color**  
4288872319



**Protanomaly**  
4292735098



**Deuteranomaly**  
4292734378

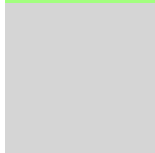


**Tritanomaly**  
4290180560

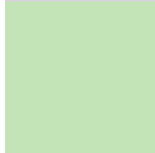
# Monochromacy



**Original Color**  
4288872319



**Achromatopsia**  
4292203989



**Achromatomaly**  
4290962614

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288872319 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(162, 255, 127)` looks like.

```
.text, #text, p{  
    color:rgb(162, 255, 127)  
}
```

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(162, 255, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 255, 127) }
```

## Border

The CSS property to change the border of an element to Android 4288872319 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(162, 255, 127) }
```

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

```
.border{ border-color:rgb(162, 255, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 255, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 255, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 255, 127);  
box-shadow:4px 4px 4px 4px rgb(162, 255,  
127) }
```

# Background

The CSS property to change the background color of an element to Android 4288872319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 255, 127) }
```

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

```
.background{ background-color: rgb(162,  
255, 127) }
```

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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