

# Converting Colors

Android(4288347988)

Have a look what the booklet for  
Android(4288347988) contains.

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# **Color**

**Android(4288347988)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AFF54
RGB	154, 255, 84
RGB Percent	60%, 100%, 33%
CMY	0.3961, 0.0000, 0.6706
CMYK	0.40, 0.00, 0.67, 0.00
HSL	95°, 100%, 66%
HSV	95°, 67%, 100%
XYZ	50.6867, 79.0301, 20.9704
YIQ	205.3070, -5.3050, -74.5930

# Conversions

## Conversions Part 2

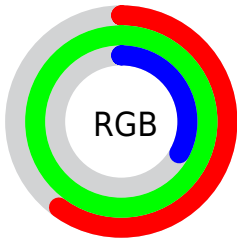
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 255, 185
Decimal	10157908
CIELab	91.25, -56.81, 69.41
CIELCh	91, 89.695, 129.298
Yxy	79.0301, 0.3364, 0.5245
Android (android.graphics.Color)	4288347988 (0xFF9AFF54)
YUV	205.3070, -59.8044, -44.9962
Hunter-Lab	88.8989, -53.7993, 48.2433

# Details

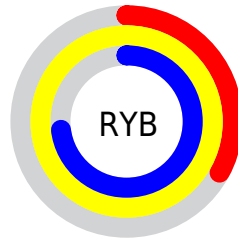
The Android color **4288347988** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **4290335999**, and the grayscale version is **4291743438**.

A 20% lighter version of the original color is **4292280205**, and **4284400907** is the 20% darker color. If you saturate the color by 10%, you get **4287364922**, and if you desaturate by 10%, it is **4289331053**.

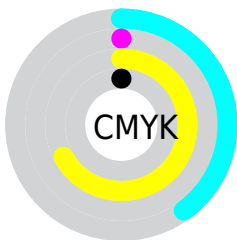
# Distribution



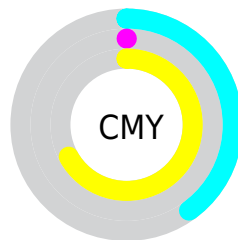
- Red (60%)
- Green (100%)
- Blue (33%)



- Red (33%)
- Yellow (100%)
- Blue (73%)



- Cyan (40%)
- Magenta (0%)
- Yellow (67%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288347988 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 4288347988 by changing the saturation by 10% instead.



 4288347988

 4288347988

4294967295

 4286374454

 4292280205

 4284400907

 4294246314

 4282231296

 4294967238

 4279340800

 4294967268

 4278219776

 4278213120

 4278206976

 4278201088

 4278192384

■ 4288347988

■ 4288347988

■ 4287364922

■ 4289331053

■ 4286381857

■ 4290314119

■ 4285398792

■ 4291297185

■ 4285071104

■ 4292280250

■ 4293263315

■ 4294246381

4294967295

# Harmonies

## Analogous

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



4294502929



4288347988



4278255526

# Triad

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



4288347988



4278255615



4294938831

# Complementary

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



4288347988



4290335999

# 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.



4294942207



4288347988



4283099135

# Square

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



4288347988



4278255615



4294951935



4294944637

# Rectangle

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



4288347988



4278255585



4294951935



4294938860

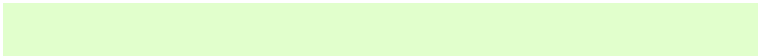


# Sweetspot

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



4288347988



4293001164



4294948948



4285366369



4278190080



4286611584



# Same Dimension

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



4288347988



4287102771



4283760482



4286087283



4283350784



4279910400



# Inverse Universe

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



4290335999



4289410047



4294923505



4286215040



4285595839

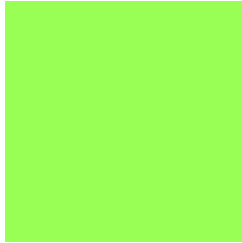


4280680512



# Previews

## White Background



This preview shows how the Android color 4288347988 looks on a white background.

## Color Contrast Check

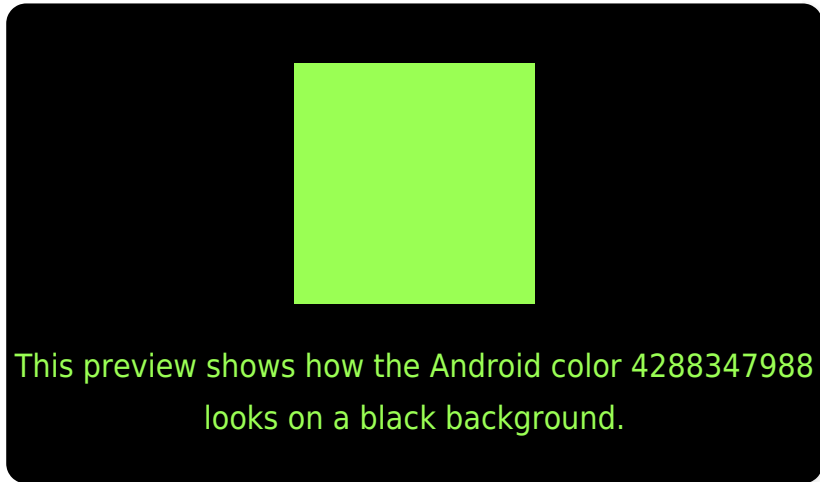
Large Text (above 18pt) WCAG AA × Fail

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

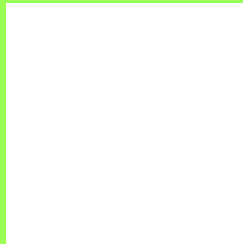
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4288347988 Background



This preview shows how black text looks on a background with the Android color 4288347988.

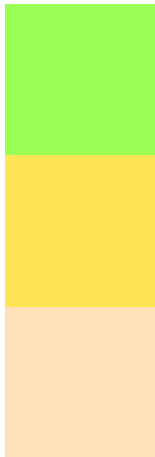


This preview shows how white text looks on a background with the Android color 4288347988.

# 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**  
4288347988

**Protanopia**  
4294960470

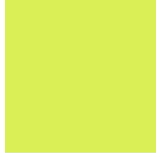
**Deuteranopia**  
4294959288



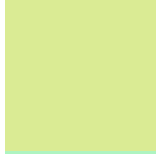
# Trichromacy



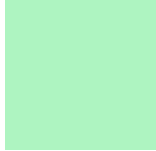
**Original Color**  
4288347988



**Protanomaly**  
4292537941



**Deuteranomaly**  
4292537236

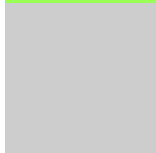


**Tritanomaly**  
4289656001

# Monochromacy



**Original Color**  
4288347988



**Achromatopsia**  
4291677645



**Achromatomaly**  
4290437025

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288347988 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(154, 255, 84)` looks like.

```
.text, #text, p{  
    color:rgb(154, 255, 84)  
}
```

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(154, 255, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 255, 84) }
```

## Border

The CSS property to change the border of an element to Android 4288347988 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(154, 255, 84) }
```

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

```
.border{ border-color:rgb(154, 255, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 255, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 255, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 255, 84);  
box-shadow:4px 4px 4px 4px rgb(154, 255,  
84) }
```

# Background

The CSS property to change the background color of an element to Android 4288347988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 255, 84) }
```

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

```
.background{ background-color: rgb(154,  
255, 84) }
```

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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