

# Converting Colors

Android(4288344320)

Have a look what the booklet for  
Android(4288344320) contains.

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# **Color**

**Android(4288344320)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AF100
RGB	154, 241, 0
RGB Percent	60%, 95%, 0%
CMY	0.3961, 0.0549, 1.0000
CMYK	0.36, 0.00, 1.00, 0.05
HSL	82°, 100%, 47%
HSV	82°, 100%, 95%
XYZ	44.7817, 69.7806, 11.1088
YIQ	187.5130, 25.5090, -93.3950

# Conversions

## Conversions Part 2

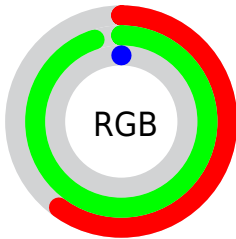
Format	Color
<a href="#">RYB</a>	<a href="#">0, 241, 87</a>
Decimal	<a href="#">10154240</a>
CIELab	<a href="#">86.89, -54.42, 83.94</a>
CIELCh	<a href="#">87, 100.039, 122.956</a>
Yxy	<a href="#">69.7806, 0.3563, 0.5553</a>
Android (android.graphics.Color)	<a href="#">4288344320 (0xFF9AF100)</a>
YUV	<a href="#">187.5130, -92.4439, -29.3909</a>
Hunter-Lab	<a href="#">83.5348, -50.4948, 50.5898</a>

# Details

The Android color `4288344320` is a dark color, and the websafe version is hex `99FF33`. The color can be described as middle saturated chartreuse. A complement of this color would be `4283891953`, and the grayscale version is `4290559164`.

A 20% lighter version of the original color is `4292280155`, and `4284332032` is the 20% darker color. If you saturate the color by 10%, you get `4288344320`, and if you desaturate by 10%, it is `4288934168`.

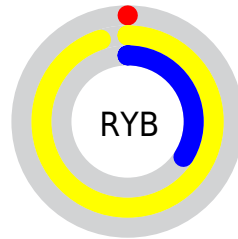
# Distribution



Red (60%)

Green (95%)

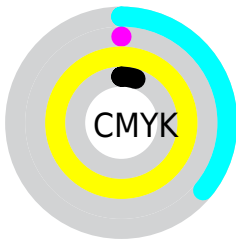
Blue (0%)



Red (0%)

Yellow (95%)

Blue (34%)

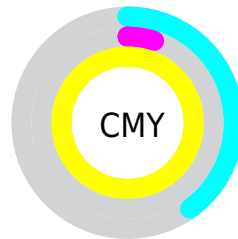


Cyan (36%)

Magenta (0%)

Yellow (100%)

Black (5%)



Cyan (40%)

Magenta (5%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288344320 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 4288344320 by changing the saturation by 10% instead.



 4288344320

 4288344320

4294967295

 4286370816

 4292280155

 4284332032

 4294311801

 4282162432

 4294967191

 4279337472

 4294967221

 4278216704

 4294967251

 4278210304

 4294967281

 4278204160

 4278198272

 4278190080

 4288344320

 4288934168

 4289458480

 4290048328

 4290638176

 4291162488

 4291752337

 4292342185

 4292932033

 4293456345

# Harmonies

## Analogous

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



4294760704



4288344320



4278255229

# Triad

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



4288344320



4278254079



4294930132

# Complementary

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



4288344320



4283891953

# 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.



4294937599



4288344320



4278248191

# Square

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



4288344320



4278255615



4293049599



4294936184

# Rectangle

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



4288344320



4278255551



4293049599



4294931188

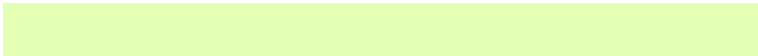


# Sweetspot

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



4288344320



4293132211



4294005760



4285497426



4278190080



4286611584



# Same Dimension

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



4288344320



4288937728



4280611072



4285823084



4285904896



4280563712



# Inverse Universe

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



4283891953



4284219647



4291625201



4285557880



4282515640

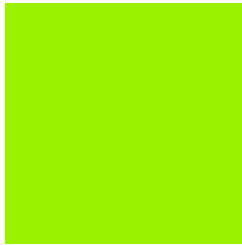


4279500856



# Previews

## White Background



This preview shows how the Android color 4288344320 looks on a white background.

## Color Contrast Check

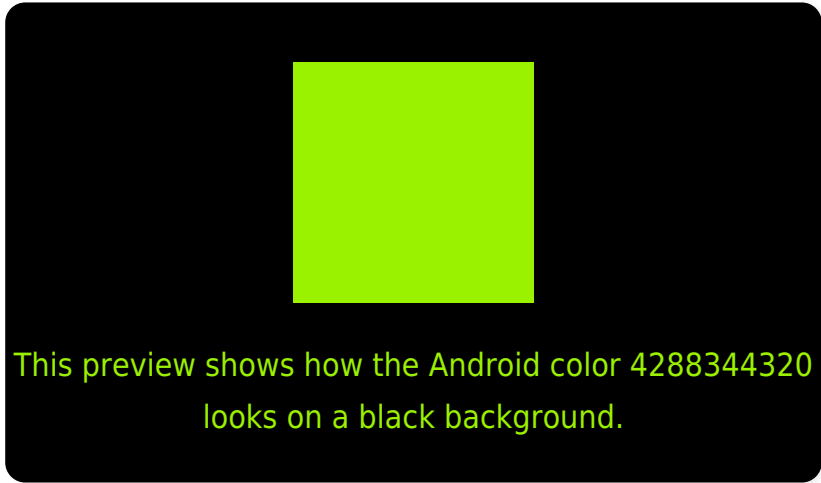
Large Text (above 18pt) WCAG AA × Fail

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 4288344320 Background



This preview shows how black text looks on a background with the Android color 4288344320.



This preview shows how white text looks on a background with the Android color 4288344320.

# 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**  
4288344320

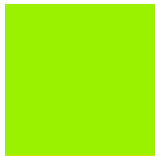
**Protanopia**  
4294236416

**Deuteranopia**  
4294955401



**Tritanopia**  
4289978610

# Trichromacy



**Original Color**

4288344320



**Protanomaly**

4292076032



**Deuteranomaly**

4292533591



**Tritanomaly**

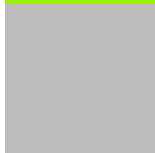
4289390234

# Monochromacy



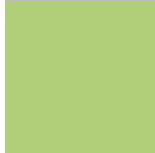
**Original Color**

4288344320



**Achromatopsia**

4290559164



**Achromatomaly**

4289777528

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288344320 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, 241, 0)` looks like.

```
.text, #text, p{  
    color:rgb(154, 241, 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(154, 241, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 241, 0) }
```

## Border

The CSS property to change the border of an element to Android 4288344320 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, 241, 0) }
```

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

```
.border{ border-color:rgb(154, 241, 0) }
```

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

Here you see how a box with a 4 pixel rgb(154, 241, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 241, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 241, 0);  
box-shadow:4px 4px 4px 4px rgb(154, 241,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4288344320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 241, 0) }
```

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

```
.background{ background-color: rgb(154,  
241, 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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