

# Converting Colors

Android(4288934400)

Have a look what the booklet for  
Android(4288934400) contains.

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# **Color**

**Android(4288934400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3F200
RGB	163, 242, 0
RGB Percent	64%, 95%, 0%
CMY	0.3608, 0.0510, 1.0000
CMYK	0.33, 0.00, 1.00, 0.05
HSL	80°, 100%, 47%
HSV	80°, 100%, 95%
XYZ	46.8564, 71.2908, 11.2909
YIQ	190.7910, 30.5980, -92.0100

# Conversions

## Conversions Part 2

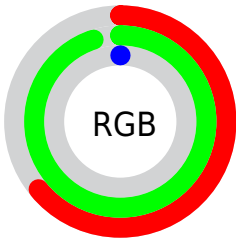
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 242, 79
Decimal	10744320
CIELab	87.63, -51.68, 84.70
CIELCh	88, 99.224, 121.388
Yxy	71.2908, 0.3620, 0.5508
Android (android.graphics.Color)	4288934400 (0xFFA3F200)
YUV	190.7910, -94.0600, -24.3727
Hunter-Lab	84.4339, -48.7011, 51.1752

# Details

The Android color **4288934400** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **4283367666**, and the grayscale version is **4290822336**.

A 20% lighter version of the original color is **4292869979**, and **4284987648** is the 20% darker color. If you saturate the color by 10%, you get **4288934400**, and if you desaturate by 10%, it is **4289458712**.

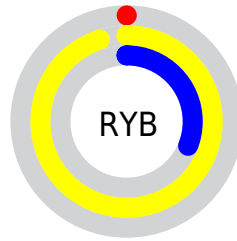
# Distribution



Red (64%)

Green (95%)

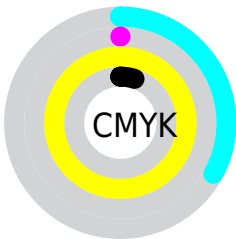
Blue (0%)



Red (0%)

Yellow (95%)

Blue (31%)

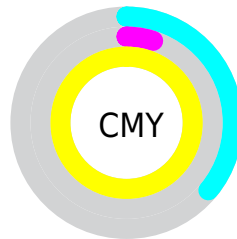


Cyan (33%)

Magenta (0%)

Yellow (100%)

Black (5%)



Cyan (36%)

Magenta (5%)


















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288934400 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 4288934400 by changing the saturation by 10% instead.



 4288934400	 4288934400
4294967295	 4286960896
 4292869979	 4284987648
 4294901626	 4282883584
 4294967192	 4280582912
 4294967221	 4278217216
 4294967251	 4278210560
 4294967281	 4278204416
	 4278198784
	 4278190080

 4288934400

 4289458712

 4289983024

 4290507337

 4291031649

 4291555961

 4292014737

 4292539049

 4293063362

 4293587674

# Harmonies

## Analogous

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



4294957312



4288934400



4278255483

# Triad

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



4288934400



4278254847



4294931419

# Complementary

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



4288934400



4283367666

# 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.



4294939135



4288934400



4278249215

# Square

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



4288934400



4278255615



4292657407



4294936447

# Rectangle

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



4288934400



4278255548



4292657407



4294932731

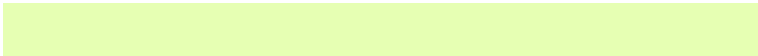


# Sweetspot

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



4288934400



4293328819



4294069504



4285628498



4278190080



4286611584



# Same Dimension

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



4288934400



4289527552



4281135616



4285823084



4286363648



4280694784



# Inverse Universe

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



4283367666



4283629823



4291166450



4285557880



4282122424

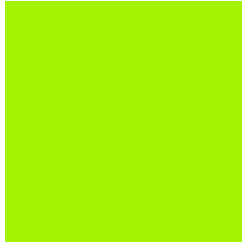


4279369784



# Previews

## White Background



This preview shows how the Android color 4288934400 looks on a white background.

## Color Contrast Check

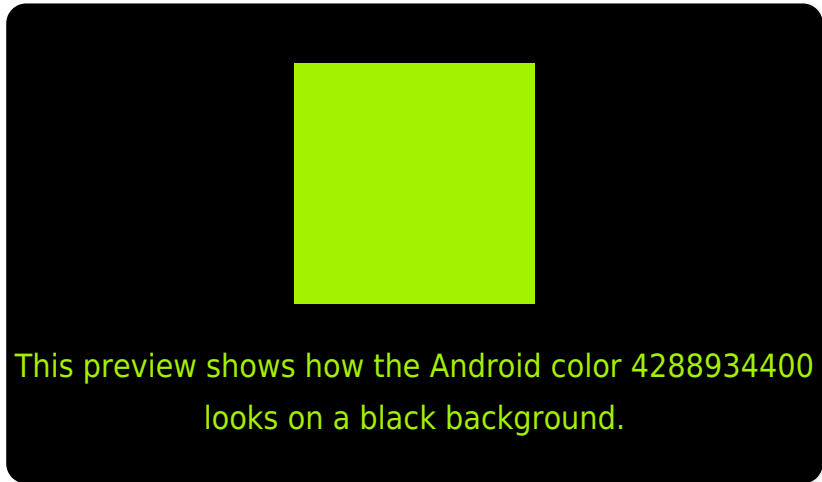
Large Text (above 18pt) WCAG AA × Fail

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 4288934400 Background



This preview shows how black text looks on a background with the Android color 4288934400.



This preview shows how white text looks on a background with the Android color 4288934400.

# 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



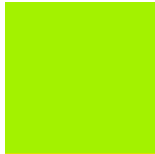
**Original Color**  
4288934400

**Protanopia**  
4294433536

**Deuteranopia**  
4294956178



# Trichromacy



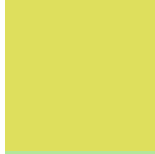
**Original Color**

4288934400



**Protanomaly**

4292403968



**Deuteranomaly**

4292796253



**Tritanomaly**

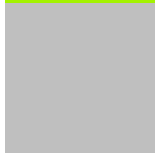
4289914779

# Monochromacy



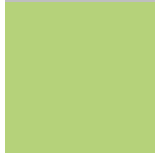
**Original Color**

4288934400



**Achromatopsia**

4290756543



**Achromatomaly**

4290105978

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288934400 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(163, 242, 0)` looks like.

```
.text, #text, p{  
    color:rgb(163, 242, 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(163, 242, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 242, 0) }
```

## Border

The CSS property to change the border of an element to Android 4288934400 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(163, 242, 0) }
```

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

```
.border{ border-color:rgb(163, 242, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 242, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 242, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 242, 0);  
box-shadow:4px 4px 4px 4px rgb(163, 242,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4288934400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 242, 0) }
```

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

```
.background{ background-color: rgb(163,  
242, 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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