

Converting Colors

Android(4288608768)

Have a look what the booklet for
Android(4288608768) contains.

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Color

Android(4288608768)

Conversions

Conversions Part 1

Format	Color
Hex	9EFA00
RGB	158, 250, 0
RGB Percent	62%, 98%, 0%
CMY	0.3804, 0.0196, 1.0000
CMYK	0.37, 0.00, 1.00, 0.02
HSL	82°, 100%, 49%
HSV	82°, 100%, 98%
XYZ	48.2862, 75.6403, 12.0551
YIQ	193.9920, 25.4180, -97.2540

Conversions

Conversions Part 2

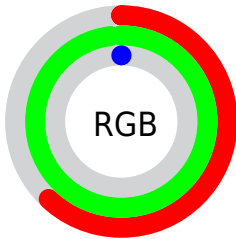
Format	Color
RYB	0, 250, 92
Decimal	10418688
CIELab	89.69, -56.61, 86.19
CIELCh	90, 103.119, 123.295
Yxy	75.6403, 0.3551, 0.5563
Android (android.graphics.Color)	4288608768 (0xFF9EFA00)
YUV	193.9920, -95.6381, -31.5650
Hunter-Lab	86.9714, -53.0976, 52.6618

Details

The Android color **4288608768** 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 **4284219642**, and the grayscale version is **4291019715**.

A 20% lighter version of the original color is **4292607837**, and **4284596480** is the 20% darker color. If you saturate the color by 10%, you get **4288608768**, and if you desaturate by 10%, it is **4289198617**.

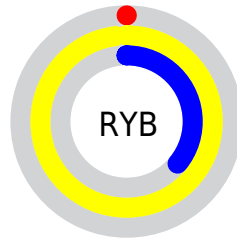
Distribution



Red (62%)

Green (98%)

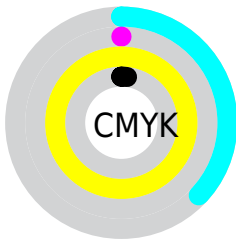
Blue (0%)



Red (0%)

Yellow (98%)

Blue (36%)

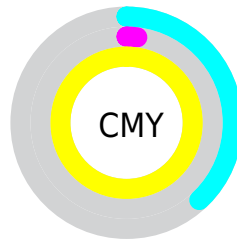


Cyan (37%)

Magenta (0%)

Yellow (100%)

Black (2%)



Cyan (38%)

Magenta (2%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288608768 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 4288608768 by changing the saturation by 10% instead.

 4288608768

 4288608768

4294967295

 4286635264

 4292607837

 4284596480

 4294639484

 4282361088

 4294967194

 4279601664

 4294967223

 4278218752

 4294967253

 4278212352

 4294967284

 4278205952

 4278200064

 4278190080


 4288608768

 4289198617

 4289788466

 4290443851

 4291033700

 4291623549

 4292213398

 4292803247

 4293458632

 4294048481

Harmonies

Analogous

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



4294959360



4288608768



4278255491

Triad

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



4288608768



4278255615



4294930907

Complementary

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



4288608768



4284219642

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.



4294938623



4288608768



4278250239

Square

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



4288608768



4278255615



4293706495



4294937467

Rectangle

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



4288608768



4278255559



4293706495



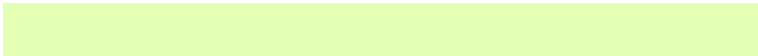
4294932220

Sweetspot

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



4288608768



4293132211



4294597632



4285497426



4278190080



4286611584

Same Dimension

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



4288608768



4288806656



4280416768



4286086512



4286037248



4280761600

Inverse Universe

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



4284219642



4284350719



4292411642



4285886589



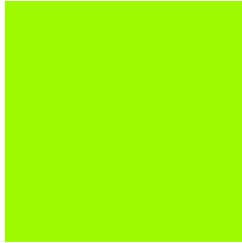
4282712253



4279697469

Previews

White Background



This preview shows how the Android color 4288608768 looks on a white background.

Color Contrast Check

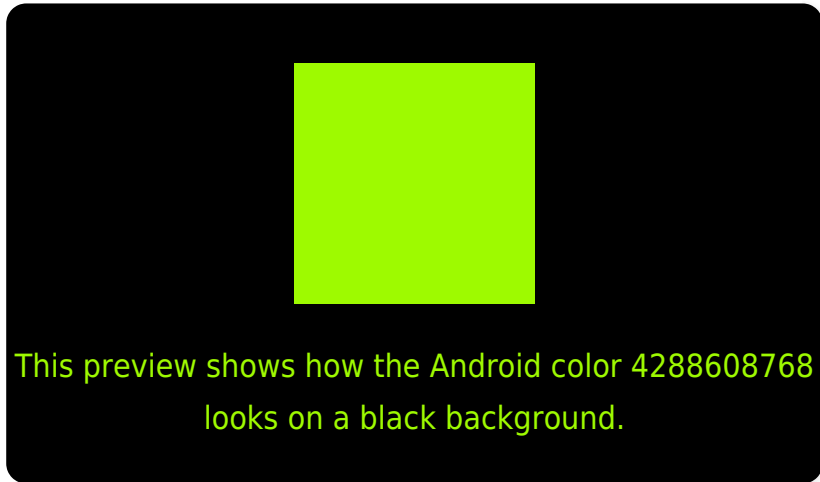
Large Text (above 18pt) WCAG AA × Fail

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 4288608768 Background



This preview shows how black text looks on a background with the Android color 4288608768.

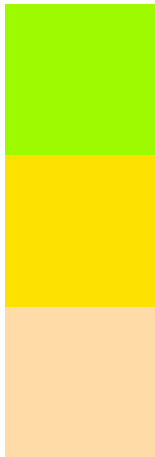


This preview shows how white text looks on a background with the Android color 4288608768.

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
4288608768

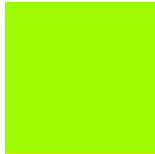
Protanopia
4294828288

Deuteranopia
4294957991



Tritanopia
4290373883

Trichromacy



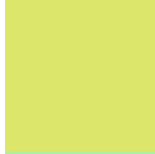
Original Color

4288608768



Protanomaly

4292536832



Deuteranomaly

4292666986



Tritanomaly

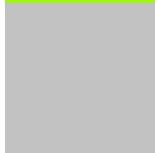
4289720224

Monochromacy



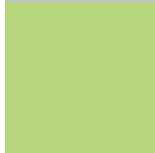
Original Color

4288608768



Achromatopsia

4290953922



Achromatomaly

4290107003

CSS Examples

Text

The CSS property to change the color of the text to Android 4288608768 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(158, 250, 0)` looks like.

```
.text, #text, p{  
    color:rgb(158, 250, 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(158, 250, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 250, 0) }
```

Border

The CSS property to change the border of an element to Android 4288608768 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(158, 250, 0) }
```

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

```
.border{ border-color:rgb(158, 250, 0) }
```

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

Here you see how a box with a 4 pixel rgb(158, 250, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 250, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 250, 0);  
box-shadow:4px 4px 4px 4px rgb(158, 250,  
0) }
```

Background

The CSS property to change the background color of an element to Android 4288608768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 250, 0) }
```

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

```
.background{ background-color: rgb(158,  
250, 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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