

Converting Colors

Android(4288544306)

Have a look what the booklet for
Android(4288544306) contains.

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Color

Android(4288544306)

Conversions

Conversions Part 1

Format	Color
Hex	9DFE32
RGB	157, 254, 50
RGB Percent	62%, 100%, 20%
CMY	0.3843, 0.0039, 0.8039
CMYK	0.38, 0.00, 0.80, 0.00
HSL	89°, 99%, 60%
HSV	89°, 80%, 100%
XYZ	49.9222, 78.2820, 15.4964
YIQ	201.7410, 7.6720, -84.0080

Conversions

Conversions Part 2

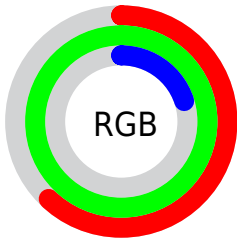
Format	Color
R _{YB}	50, 254, 147
Decimal	10354226
CIE Lab	90.91, -57.39, 79.90
CIE LCh	91, 98.381, 125.689
Yxy	78.2820, 0.3474, 0.5448
Android (android.graphics.Color)	4288544306 (0xFF9DFE32)
YUV	201.7410, -74.8083, -39.2379
Hunter-Lab	88.4771, -54.1185, 51.5496

Details

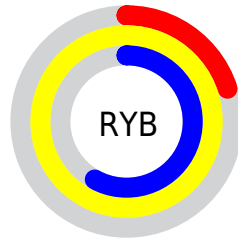
The Android color `4288544306` is a light color, and the websafe version is hex `99FF33`. The color can be described as light washed chartreuse. A complement of this color would be `4287836926`, and the grayscale version is `4291480266`.

A 20% lighter version of the original color is `4292542322`, and `4284531968` is the 20% darker color. If you saturate the color by 10%, you get `4287757849`, and if you desaturate by 10%, it is `4289330763`.

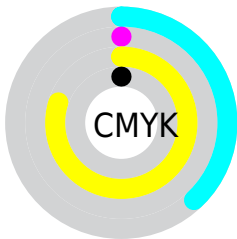
Distribution



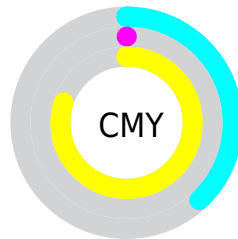
- Red (62%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (58%)



- Cyan (38%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)



- Cyan (38%)
- Magenta (0%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4288544306 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 4288544306 by changing the saturation by 10% instead.

 4288544306

 4288544306

4294967295

 4286570752

 4292542322

 4284531968

 4294508431

 4282362112

 4294967213

 4279406080

 4294967242

 4278219520

 4294967272

 4278213120

 4278206720

 4278200832

 4278191616

■ 4288544306

■ 4288544306

■ 4287757849

■ 4289330763

■ 4286971392

■ 4290117221

■ 4290903678

■ 4291690136

■ 4292476593

■ 4293263050

■ 4294115044

4294901501

4294967039

Harmonies

Analogous

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



4294960896



4288544306



4278255507

Triad

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



4288544306



4278255615



4294934487

Complementary

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



4288544306



4287836926

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.



4294940415



4288544306



4278250495

Square

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



4288544306



4278255615



4294755327



4294940796

Rectangle

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



4288544306



4278255572



4294755327



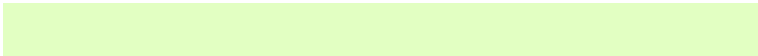
4294935287

Sweetspot

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



4288544306



4293066690



4294873394



4285431899



4278190080



4286611584

Same Dimension

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



4288544306



4287364874



4281990706



4286152819



4284792576



4280369152

Inverse Universe

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



4287836926



4286515967



4294390526



4286149504



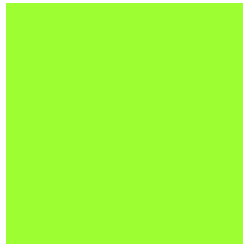
4284154047



4280156224

Previews

White Background



This preview shows how the Android color 4288544306 looks on a white background.

Color Contrast Check

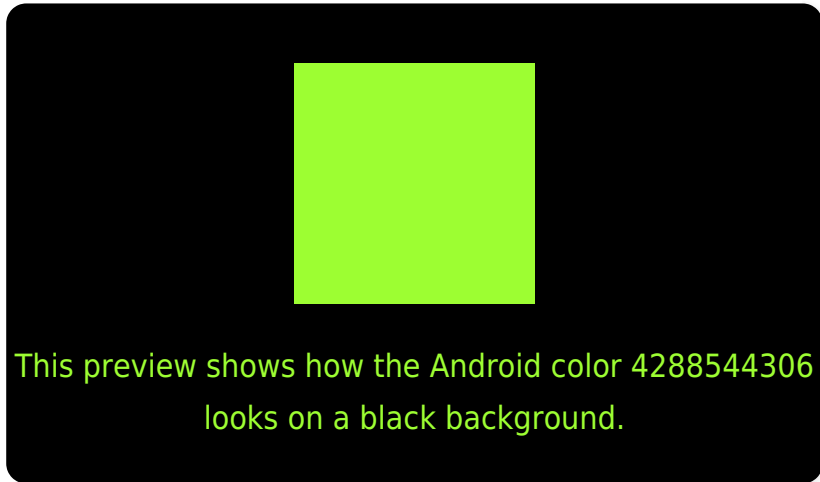
Large Text (above 18pt) WCAG AA × Fail

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

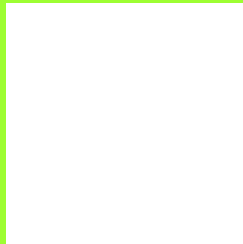
Any Text WCAG AAA ✓ Pass

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

Android 4288544306 Background



This preview shows how black text looks on a background with the Android color 4288544306.



This preview shows how white text looks on a background with the Android color 4288544306.

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
4288544306

Protanopia
4294960196

Deuteranopia
4294959027



Tritanopia
4290374911

Trichromacy



Original Color

4288544306



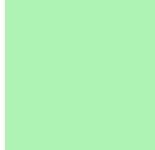
Protanomaly

4292603197



Deuteranomaly

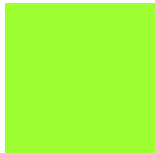
4292602500



Tritanomaly

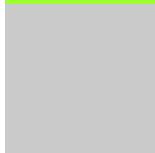
4289721268

Monochromacy



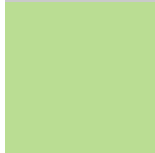
Original Color

4288544306



Achromatopsia

4291480266



Achromatomaly

4290436499

CSS Examples

Text

The CSS property to change the color of the text to Android 4288544306 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(157, 254, 50)` looks like.

```
.text, #text, p{  
    color:rgb(157, 254, 50)  
}
```

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(157, 254, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 254, 50) }
```

Border

The CSS property to change the border of an element to Android 4288544306 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(157, 254, 50) }
```

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

```
.border{ border-color:rgb(157, 254, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 254, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 254, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 254, 50);  
box-shadow:4px 4px 4px 4px rgb(157, 254,  
50) }
```

Background

The CSS property to change the background color of an element to Android 4288544306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 254, 50) }
```

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

```
.background{ background-color: rgb(157,  
254, 50) }
```

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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