

Converting Colors

Android(4287037248)

Have a look what the booklet for
Android(4287037248) contains.

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Color

Android(4287037248)

Conversions

Conversions Part 1

Format	Color
Hex	86FF40
RGB	134, 255, 64
RGB Percent	53%, 100%, 25%
CMY	0.4745, 0.0000, 0.7490
CMYK	0.47, 0.00, 0.75, 0.00
HSL	98°, 100%, 63%
HSV	98°, 75%, 100%
XYZ	46.5169, 76.9585, 17.2533
YIQ	197.0470, -10.8050, -85.0530

Conversions

Conversions Part 2

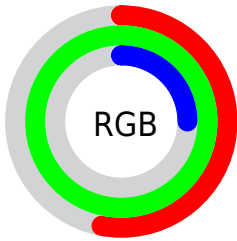
Format	Color
RYB	64, 255, 185
Decimal	8847168
CIELab	90.30, -64.17, 75.05
CIELCh	90, 98.748, 130.531
Yxy	76.9585, 0.3305, 0.5469
Android (android.graphics.Color)	4287037248 (0xFF86FF40)
YUV	197.0470, -65.5922, -55.2922
Hunter-Lab	87.7260, -58.8704, 49.7475

Details

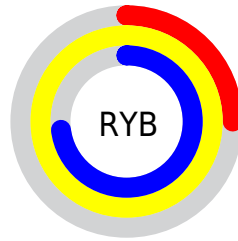
The Android color `4287037248` is a light color, and the websafe version is hex `99FF33`. The color can be described as light washed chartreuse. A complement of this color would be `4290330879`, and the grayscale version is `4291217094`.

A 20% lighter version of the original color is `4291035004`, and `4282696960` is the 20% darker color. If you saturate the color by 10%, you get `4285988646`, and if you desaturate by 10%, it is `4288085850`.

Distribution



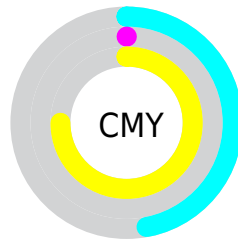
- Red (53%)
- Green (100%)
- Blue (25%)



- Red (25%)
- Yellow (100%)
- Blue (73%)



- Cyan (47%)
- Magenta (0%)
- Yellow (75%)
- Black (0%)



- Cyan (47%)
- Magenta (0%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287037248 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 4287037248 by changing the saturation by 10% instead.

 4287037248

 4287037248

4294967295

 4284932633

 4291035004

 4282696960

 4293066649

 4279609600

 4294967222

 4278226432

 4294967251

 4278219520

 4294967281

 4278212864

 4278206464

 4278200576

 4278190592

■ 4287037248

■ 4287037248

■ 4285988646

■ 4288085850

■ 4284940045

■ 4289134451

■ 4284350208

■ 4290183053

■ 4291297190

■ 4292345792

■ 4293394393

■ 4294442995

4294967295

Harmonies

Analogous

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



4293978624



4287037248



4278255520

Triad

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



4287037248



4278255615



4294934214

Complementary

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



4287037248



4290330879

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.



4294938111



4287037248



4278248703

Square

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



4287037248



4278255615



4294949631



4294942060

Rectangle

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



4287037248



4278255586



4294949631



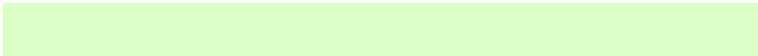
4294933990

Sweetspot

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



4287037248



4292607943



4294949184



4285169758



4278190080



4286611584

Same Dimension

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



4287037248



4285464345



4282449753



4286021747



4282826496



4279713792

Inverse Universe

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



4290330879



4289403391



4294918374



4286280576



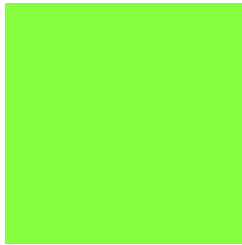
4286120127



4280811584

Previews

White Background



This preview shows how the Android color 4287037248 looks on a white background.

Color Contrast Check

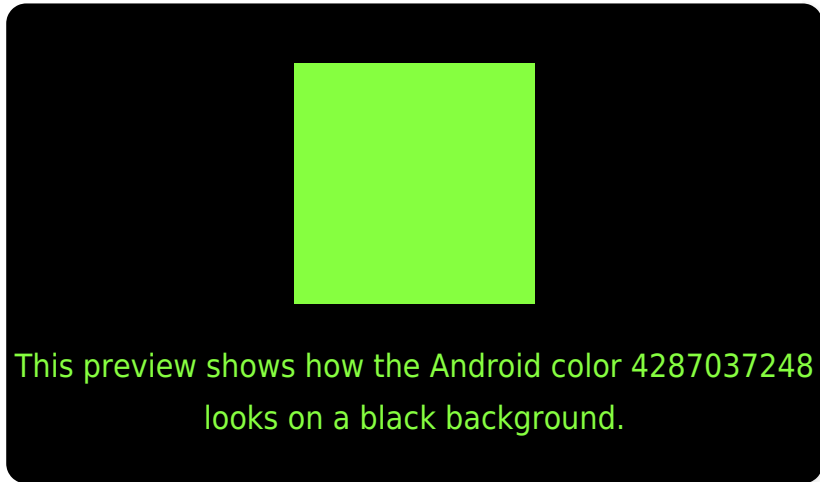
Large Text (above 18pt) WCAG AA × Fail

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

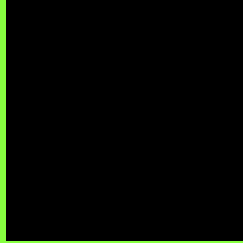
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

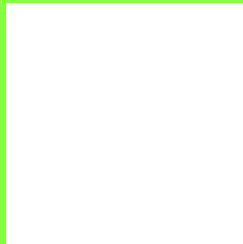
Any Text WCAG AAA ✓ Pass

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

Android 4287037248 Background



This preview shows how black text looks on a background with the Android color 4287037248.

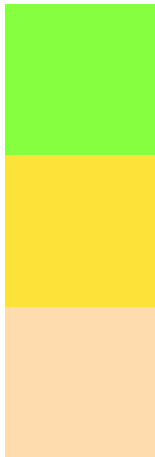


This preview shows how white text looks on a background with the Android color 4287037248.

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
4287037248

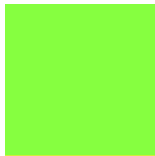
Protanopia
4294828601

Deuteranopia
4294958253



Tritanopia
4289392127

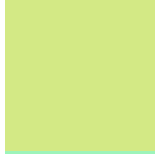
Trichromacy



Original Color
4287037248



Protanomaly
4292013372

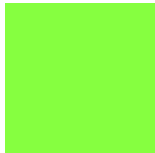


Deuteranomaly
4292077957

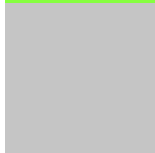


Tritanomaly
4288541882

Monochromacy



Original Color
4287037248



Achromatopsia
4291151301



Achromatomaly
4289649301

CSS Examples

Text

The CSS property to change the color of the text to Android 4287037248 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(134, 255, 64)` looks like.

```
.text, #text, p{  
    color:rgb(134, 255, 64)  
}
```

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(134, 255, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 255, 64) }
```

Border

The CSS property to change the border of an element to Android 4287037248 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(134, 255, 64) }
```

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

```
.border{ border-color:rgb(134, 255, 64) }
```

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

Here you see how a box with a 4 pixel rgb(134, 255, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 255, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 255, 64);  
box-shadow:4px 4px 4px 4px rgb(134, 255,  
64) }
```

Background

The CSS property to change the background color of an element to Android 4287037248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 255, 64) }
```

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

```
.background{ background-color: rgb(134,  
255, 64) }
```

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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