

Converting Colors

Android(4286971699)

Have a look what the booklet for
Android(4286971699) contains.

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Color

Android(4286971699)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 85FF33 |
| RGB | 133, 255, 51 |
| RGB Percent | 52%, 100%, 20% |
| CMY | 0.4784, 0.0000, 0.8000 |
| CMYK | 0.48, 0.00, 0.80, 0.00 |
| HSL | 96°, 100%, 60% |
| HSV | 96°, 80%, 100% |
| XYZ | 46.0304, 76.7456, 15.5193 |
| YIQ | 195.2660, -7.2280, -89.3080 |

Conversions

Conversions Part 2

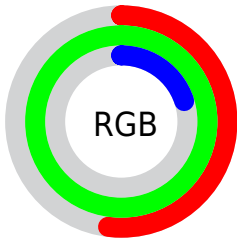
| Format | Color |
|-------------------------------------|--|
| RYB | 51, 255, 173 |
| Decimal | 8781619 |
| CIELab | 90.20, -65.13, 78.64 |
| CIElCh | 90, 102.106, 129.631 |
| Yxy | 76.7456, 0.3328, 0.5549 |
| Android (android.graphics.Color) | 4286971699 (0xFF85FF33) |
| YUV | 195.2660, -71.1231, -54.6073 |
| Hunter-Lab | 87.6045, -59.5180, 50.8199 |

Details

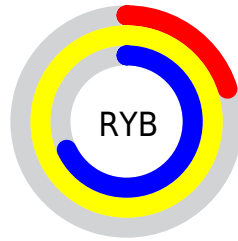
The Android color **4286971699** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **4289541119**, and the grayscale version is **4291085508**.

A 20% lighter version of the original color is **4291034994**, and **4282565888** is the 20% darker color. If you saturate the color by 10%, you get **4285988633**, and if you desaturate by 10%, it is **4287954765**.

Distribution



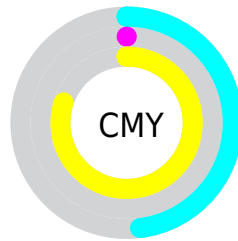
- Red (52%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (68%)



- Cyan (48%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)



- Cyan (48%)
- Magenta (0%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286971699 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 4286971699 by changing the saturation by 10% instead.

 4286971699

 4286971699

4294967295

 4284867072

 4291034994

 4282565888

 4293066640

 4279150848

 4294967213

 4278226432

 4294967243

 4278219520

 4294967272

 4278212864

 4278206464

 4278200320

 4278190336

■ 4286971699

■ 4286971699

■ 4285988633

■ 4287954765

■ 4284940032

■ 4288937830

■ 4289986432

■ 4290969497

■ 4291952563

■ 4293001164

■ 4293984230

4294967295

Harmonies

Analogous

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



4294109440



4286971699



4278255515

Triad

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



4286971699



4278255615



4294932168

Complementary

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



4286971699



4289541119

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.



4294937087



4286971699



4278248959

Square

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



4286971699



4278255615



4294949375



4294940778

Rectangle

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



4286971699



4278255583



4294949375



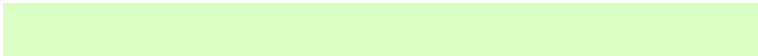
4294932200

Sweetspot

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



4286971699



4292542402



4294945331



4285104219



4278190080



4286611584

Same Dimension

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



4286971699



4285398794



4281597764



4286087283



4283285248



4279910400

Inverse Universe

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



4289541119



4288482047



4294915054



4286215040



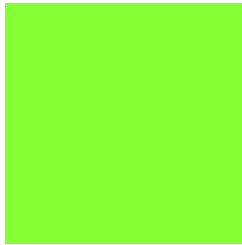
4285661375



4280680512

Previews

White Background



This preview shows how the Android color 4286971699 looks on a white background.

Color Contrast Check

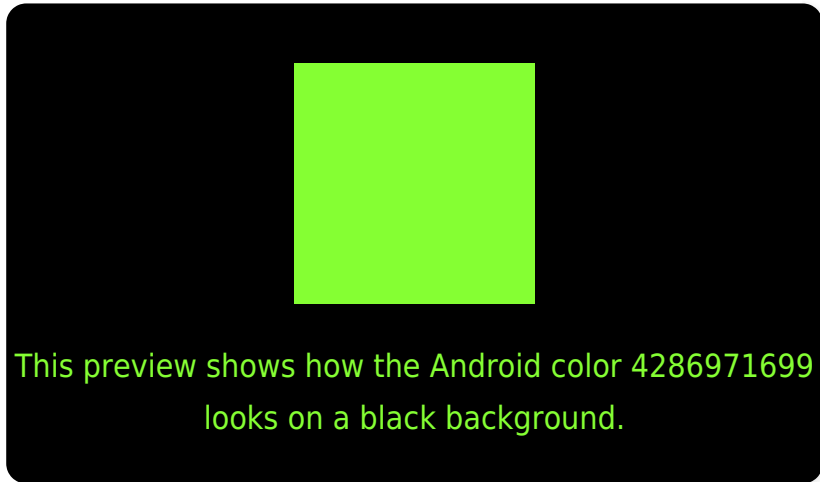
Large Text (above 18pt) WCAG AA × Fail

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

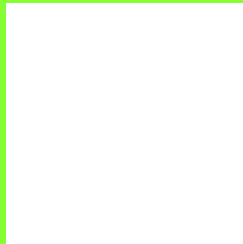
Any Text WCAG AAA ✓ Pass

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

Android 4286971699 Background



This preview shows how black text looks on a background with the Android color 4286971699.

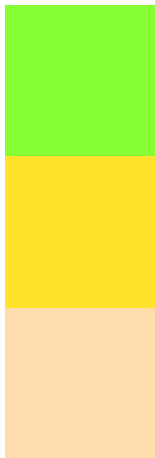


This preview shows how white text looks on a background with the Android color 4286971699.

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

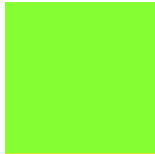


Original Color
4286971699

Protanopia
4294894123

Deuteranopia
4294958252

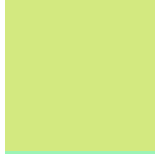
Trichromacy



Original Color
4286971699



Protanomaly
4292013358



Deuteranomaly
4292077952

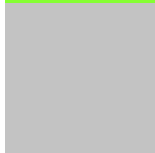


Tritanomaly
4288476341

Monochromacy



Original Color
4286971699



Achromatopsia
4291019715



Achromatomaly
4289517967

CSS Examples

Text

The CSS property to change the color of the text to Android 4286971699 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(133, 255, 51)` looks like.

```
.text, #text, p{  
    color:rgb(133, 255, 51)  
}
```

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(133, 255, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 255, 51) }
```

Border

The CSS property to change the border of an element to Android 4286971699 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(133, 255, 51) }
```

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

```
.border{ border-color:rgb(133, 255, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 255, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 255, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 255, 51);  
box-shadow:4px 4px 4px 4px rgb(133, 255,  
51) }
```

Background

The CSS property to change the background color of an element to Android 4286971699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 255, 51) }
```

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

```
.background{ background-color: rgb(133,  
255, 51) }
```

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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