

Converting Colors

Android(4285919744)

Have a look what the booklet for
Android(4285919744) contains.

| | |
|--|----|
| Android(4285919744) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Android(4285919744)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 75F200 |
| RGB | 117, 242, 0 |
| RGB Percent | 46%, 95%, 0% |
| CMY | 0.5412, 0.0510, 1.0000 |
| CMYK | 0.52, 0.00, 1.00, 0.05 |
| HSL | 91°, 100%, 47% |
| HSV | 91°, 100%, 95% |
| XYZ | 39.0882, 67.2862, 10.9274 |
| YIQ | 177.0370, 3.1820, -101.7620 |

Conversions

Conversions Part 2

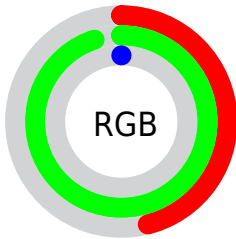
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 242, 125 |
| Decimal | 7729664 |
| CIELab | 85.65, -66.31, 82.31 |
| CIELCh | 86, 105.702, 128.856 |
| Yxy | 67.2862, 0.3332, 0.5736 |
| Android (android.graphics.Color) | 4285919744 (0xFF75F200) |
| YUV | 177.0370, -87.2792, -52.6524 |
| Hunter-Lab | 82.0281, -58.4900, 49.5214 |

Details

The Android color **4285919744** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark saturated chartreuse. A complement of this color would be **4286382322**, and the grayscale version is **4289901234**.

A 20% lighter version of the original color is **4290051930**, and **4281055488** is the 20% darker color. If you saturate the color by 10%, you get **4285919744**, and if you desaturate by 10%, it is **4286771736**.

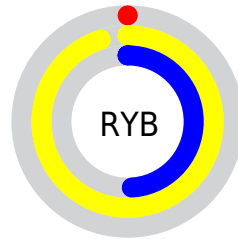
Distribution



Red (46%)

Green (95%)

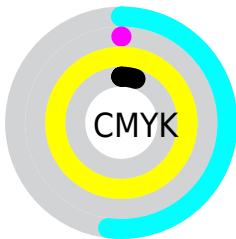
Blue (0%)



Red (0%)

Yellow (95%)

Blue (49%)

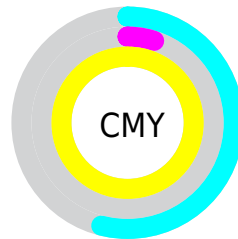


Cyan (52%)

Magenta (0%)

Yellow (100%)

Black (5%)



Cyan (54%)

Magenta (5%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285919744 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 4285919744 by changing the saturation by 10% instead.

 4285919744

 4285919744

4294967295

 4283749632

 4290051930

 4281055488

 4292083577

 4278230272

 4294115223

 4278223360

 4294967220

 4278216704

 4294967250

 4278210048

 4294967280

 4278204160

 4278197248

 4278190080

■ 4285919744

■ 4286771736

■ 4287558192

■ 4288410185

■ 4289196641

■ 4289983097

■ 4290835089

■ 4291621545

■ 4292473538

■ 4293259994

Harmonies

Analogous

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



4293319424



4285919744



4278255241

Triad

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



4285919744



4278252799



4294925501

Complementary

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



4285919744



4286382322

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.



4294931967



4285919744



4278245887

Square

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



4285919744



4278255615



4294749439



4294935645

Rectangle

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



4285919744



4278255567



4294749439



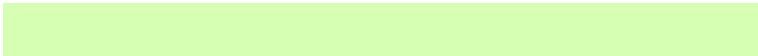
4294925790

Sweetspot

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



4285919744



4292345779



4294080768



4285038674



4278190080



4286611584

Same Dimension

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



4285919744



4286316288



4278252032



4285692012



4284069888



4279973888

Inverse Universe

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



4286382322



4286841087



4294050034



4285688952



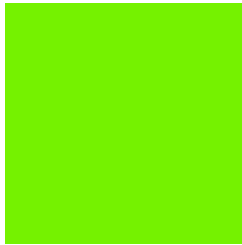
4284416184



4280090680

Previews

White Background



This preview shows how the Android color 4285919744 looks on a white background.

Color Contrast Check

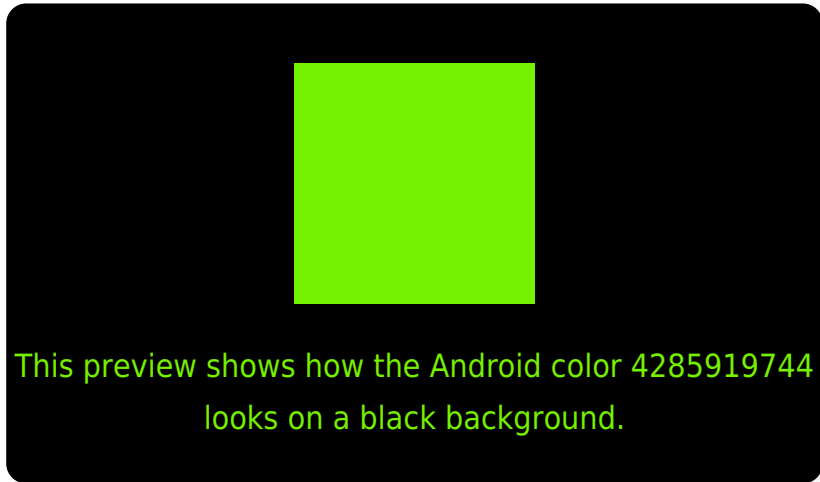
Large Text (above 18pt) WCAG AA × Fail

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 4285919744 Background



This preview shows how black text looks on a background with the Android color 4285919744.



This preview shows how white text looks on a background with the Android color 4285919744.

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

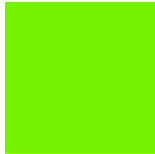


Original Color
4285919744

Protanopia
4293973248

Deuteranopia
4294954103

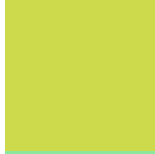
Trichromacy



Original Color
4285919744



Protanomaly
4291026944



Deuteranomaly
4291680844

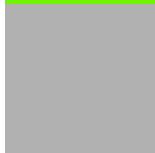


Tritanomaly
4287293339

Monochromacy



Original Color
4285919744



Achromatopsia
4289835441



Achromatomaly
4288399729

CSS Examples

Text

The CSS property to change the color of the text to Android 4285919744 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(117, 242, 0)` looks like.

```
.text, #text, p{  
    color:rgb(117, 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(117, 242, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 242, 0) }
```

Border

The CSS property to change the border of an element to Android 4285919744 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(117, 242, 0) }
```

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

```
.border{ border-color:rgb(117, 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(117, 242, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 242, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 242, 0);  
box-shadow:4px 4px 4px 4px rgb(117, 242,  
0) }
```

Background

The CSS property to change the background color of an element to Android 4285919744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 242, 0) }
```

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

```
.background{ background-color: rgb(117,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor