

Converting Colors

Android(4285002497)

Have a look what the booklet for
Android(4285002497) contains.

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Color

Android(4285002497)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 67F301 |
| RGB | 103, 243, 1 |
| RGB Percent | 40%, 95%, 0% |
| CMY | 0.5961, 0.0471, 0.9961 |
| CMYK | 0.58, 0.00, 1.00, 0.05 |
| HSL | 95°, 99%, 48% |
| HSV | 95°, 100%, 95% |
| XYZ | 37.6496, 66.9869, 10.9742 |
| YIQ | 173.5520, -5.7580, -104.9420 |

Conversions

Conversions Part 2

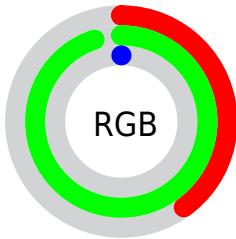
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 1, 243, 141 |
| Decimal | 6812417 |
| CIELab | 85.50, -70.28, 81.92 |
| CIELCh | 85, 107.937, 130.627 |
| Yxy | 66.9869, 0.3257, 0.5794 |
| Android (android.graphics.Color) | 4285002497 (0xFF67F301) |
| YUV | 173.5520, -85.0681, -61.8741 |
| Hunter-Lab | 81.8455, -61.1183, 49.3421 |

Details

The Android color `4285002497` is a dark color, and the websafe version is hex `66FF00`. The color can be described as dark saturated chartreuse. A complement of this color would be `4287431155`, and the grayscale version is `4289638062`.

A 20% lighter version of the original color is `4289265499`, and `4278237696` is the 20% darker color. If you saturate the color by 10%, you get `4284936960`, and if you desaturate by 10%, it is `4285920025`.

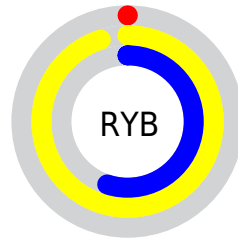
Distribution



Red (40%)

Green (95%)

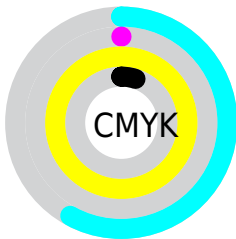
Blue (0%)



Red (0%)

Yellow (95%)

Blue (55%)

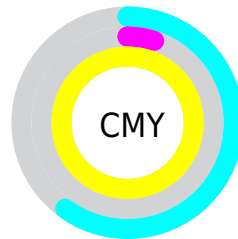


Cyan (58%)

Magenta (0%)

Yellow (100%)

Black (5%)



Cyan (60%)

Magenta (5%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285002497 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 4285002497 by changing the saturation by 10% instead.

 4285002497

 4285002497

4294967295

 4282570240

 4289265499

 4278237696

 4291297145

 4278230528

 4293328791

 4278223360

 4294967220

 4278216704

 4294967250

 4278210048

 4294967280

 4278204160

 4278197248

 4278190080

■ 4285002497

■ 4285002497

■ 4284936960

■ 4285920025

■ 4286837554

■ 4287755082

■ 4288672610

■ 4289590138

■ 4290507667

■ 4291425195

■ 4292342723

■ 4293325788

Harmonies

Analogous

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



4292926720



4285002497



4278255245

Triad

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



4285002497



4278252543



4294924214

Complementary

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



4285002497



4287431155

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.



4294929919



4285002497



4278245375

Square

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



4285002497



4278255615



4294944767



4294935636

Rectangle

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



4285002497



4278255573



4294944767



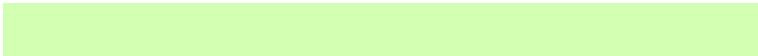
4294923736

Sweetspot

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



4285002497



4292083635



4294150657



4284842066



4278190080



4286611584

Same Dimension

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



4285002497



4285267712



4278317841



4285758062



4283349504



4279843584

Inverse Universe

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



4287431155



4287889663



4294115811



4285886074



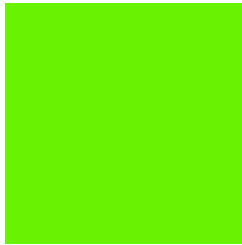
4285268154



4280418363

Previews

White Background



This preview shows how the Android color 4285002497 looks on a white background.

Color Contrast Check

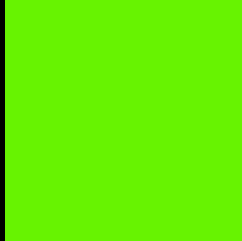
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4285002497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

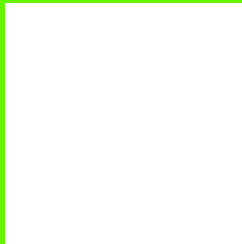
Any Text WCAG AAA ✓ Pass

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

Android 4285002497 Background



This preview shows how black text looks on a background with the Android color 4285002497.



This preview shows how white text looks on a background with the Android color 4285002497.

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
4285002497

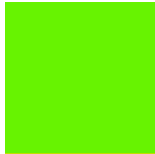
Protanopia
4293907456

Deuteranopia
4294954100



Tritanopia
4287488756

Trichromacy



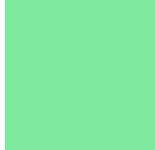
Original Color
4285002497



Protanomaly
4290699008



Deuteranomaly
4291353162

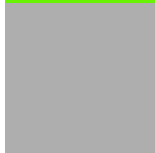


Tritanomaly
4286572700

Monochromacy



Original Color
4285002497



Achromatopsia
4289638062



Achromatomaly
4287940463

CSS Examples

Text

The CSS property to change the color of the text to Android 4285002497 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(103, 243, 1)` looks like.

```
.text, #text, p{  
    color:rgb(103, 243, 1)  
}
```

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(103, 243, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 243, 1) }
```

Border

The CSS property to change the border of an element to Android 4285002497 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(103, 243, 1) }
```

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

```
.border{ border-color:rgb(103, 243, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 243, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 243, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 243, 1);  
box-shadow:4px 4px 4px 4px rgb(103, 243,  
1) }
```

Background

The CSS property to change the background color of an element to Android 4285002497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 243, 1) }
```

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

```
.background{ background-color: rgb(103,  
243, 1) }
```

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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