

Converting Colors

Android(4285979193)

Have a look what the booklet for
Android(4285979193) contains.

| | |
|--|----|
| Android(4285979193) | 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(4285979193)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 76DA39 |
| RGB | 118, 218, 57 |
| RGB Percent | 46%, 85%, 22% |
| CMY | 0.5373, 0.1451, 0.7765 |
| CMYK | 0.46, 0.00, 0.74, 0.15 |
| HSL | 97°, 69%, 54% |
| HSV | 97°, 74%, 85% |
| XYZ | 33.2811, 54.2898, 12.5958 |
| YIQ | 169.7460, -7.9190, -71.2710 |

Conversions

Conversions Part 2

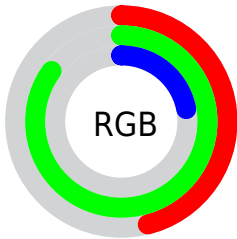
| Format | Color |
|-------------------------------------|--|
| RYB | 57, 218, 157 |
| Decimal | 7789113 |
| CIELab | 78.63, -55.47, 65.71 |
| CIELCh | 79, 85.991, 130.173 |
| Yxy | 54.2898, 0.3323, 0.5420 |
| Android (android.graphics.Color) | 4285979193 (0xFF76DA39) |
| YUV | 169.7460, -55.5838, -45.3812 |
| Hunter-Lab | 73.6816, -48.3164, 41.4416 |

Details

The Android color **4285979193** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **4288494042**, and the grayscale version is **4289374890**.

A 20% lighter version of the original color is **4289855346**, and **4281836032** is the 20% darker color. If you saturate the color by 10%, you get **4285061667**, and if you desaturate by 10%, it is **4286896719**.

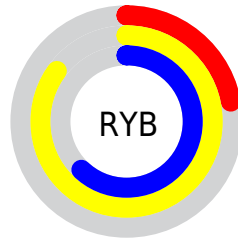
Distribution



Red (46%)

Green (85%)

Blue (22%)



Red (22%)

Yellow (85%)

Blue (62%)

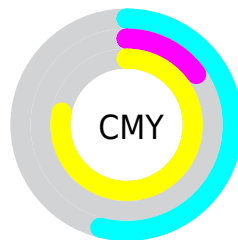


Cyan (46%)

Magenta (0%)

Yellow (74%)

Black (15%)



Cyan (54%)

Magenta (15%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285979193 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 4285979193 by changing the saturation by 10% instead.

 4285979193

 4285979193

4294967295

 4284005909

 4289855346

 4281836032

 4291821454

 4278486784

 4293787563

 4278217984

 4294967239

 4278211584

 4294967269

 4278205184

 4278199296

 4278190080

 4285979193

 4285979193

■ 4285061667

■ 4286896719

■ 4284209677

■ 4287748709

■ 4283685376

■ 4288666234

■ 4289518224

■ 4290435750

■ 4291287740

■ 4292205266

■ 4293057255

■ 4293974781

Harmonies

Analogous

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



4291807232



4285979193



4278248585

Triad

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



4285979193



4278246143



4294930091

Complementary

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



4285979193



4288494042

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.



4294933499



4285979193



4278240255

Square

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



4285979193



4278248959



4293435647



4294936415

Rectangle

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



4285979193



4278249409



4293435647



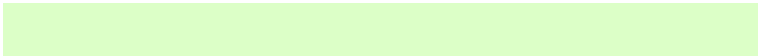
4294930118

Sweetspot

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



4285979193



4292673479



4292516921



4285235294



4278190080



4286611584

Same Dimension

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



4285979193



4285726492



4281981516



4284968547



4282559744



4279315968

Inverse Universe

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



4288494042



4289273087



4292491719



4285096814



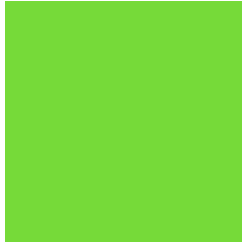
4285268141



4280090670

Previews

White Background



This preview shows how the Android color 4285979193 looks on a white background.

Color Contrast Check

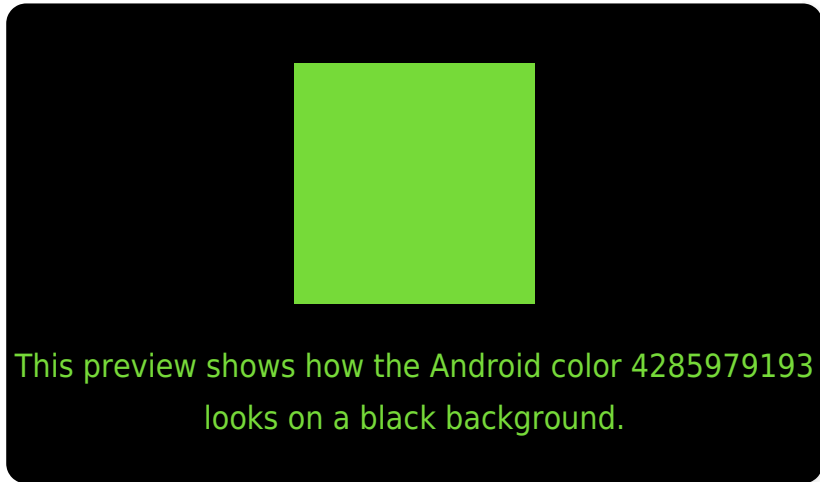
Large Text (above 18pt) WCAG AA × Fail

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

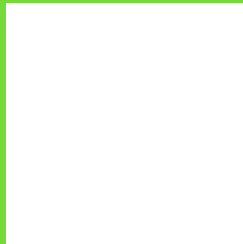
Any Text WCAG AAA ✓ Pass

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

Android 4285979193 Background



This preview shows how black text looks on a background with the Android color 4285979193.

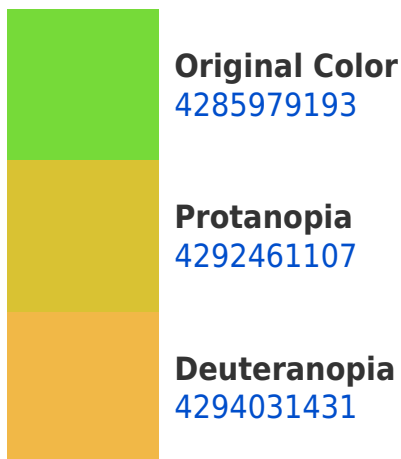


This preview shows how white text looks on a background with the Android color 4285979193.

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



Trichromacy



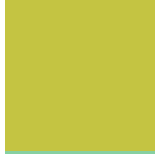
Original Color

4285979193



Protanomaly

4290104117



Deuteranomaly

4291085378



Tritanomaly

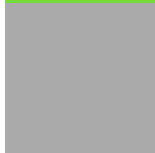
4287090849

Monochromacy



Original Color

4285979193



Achromatopsia

4289374890



Achromatomaly

4288134017

CSS Examples

Text

The CSS property to change the color of the text to Android 4285979193 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(118, 218, 57)` looks like.

```
.text, #text, p{  
    color:rgb(118, 218, 57)  
}
```

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(118, 218, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 218, 57) }
```

Border

The CSS property to change the border of an element to Android 4285979193 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(118, 218, 57) }
```

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

```
.border{ border-color:rgb(118, 218, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 218, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 218, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 218, 57);  
box-shadow:4px 4px 4px 4px rgb(118, 218,  
57) }
```

Background

The CSS property to change the background color of an element to Android 4285979193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 218, 57) }
```

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

```
.background{ background-color: rgb(118,  
218, 57) }
```

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