

# Converting Colors

Android(4285923194)

Have a look what the booklet for  
Android(4285923194) contains.

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# **Color**

**Android(4285923194)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75FF7A
RGB	117, 255, 122
RGB Percent	46%, 100%, 48%
CMY	0.5412, 0.0000, 0.5216
CMYK	0.54, 0.00, 0.52, 0.00
HSL	122°, 100%, 73%
HSV	122°, 54%, 100%
XYZ	46.6090, 76.7070, 30.7617
YIQ	198.5760, -39.5550, -70.6190

# Conversions

## Conversions Part 2

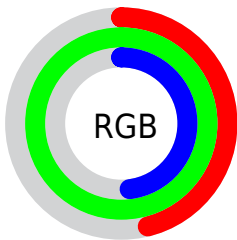
Format	Color
<a href="#">RYB</a>	<a href="#">117, 250, 255</a>
Decimal	<a href="#">7733114</a>
CIELab	<a href="#">90.19, -63.41, 51.85</a>
CIElCh	<a href="#">90, 81.910, 140.731</a>
Yxy	<a href="#">76.7070, 0.3025, 0.4978</a>
Android (android.graphics.Color)	<a href="#">4285923194 (0xFF75FF7A)</a>
YUV	<a href="#">198.5760, -37.7520, -71.5422</a>
Hunter-Lab	<a href="#">87.5826, -58.2768, 40.4833</a>

# Details

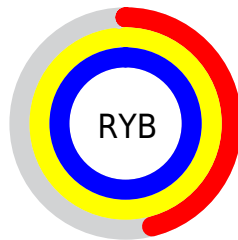
The Android color `4285923194` is a light color, and the websafe version is hex `66FF66`. A complement of this color would be `4294931962`, and the grayscale version is `4291282887`.

A 20% lighter version of the original color is `4289920945`, and `4281320773` is the 20% darker color. If you saturate the color by 10%, you get `4284219233`, and if you desaturate by 10%, it is `4287627155`.

# Distribution



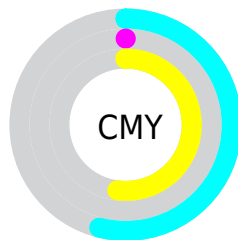
- Red (46%)
- Green (100%)
- Blue (48%)



- Red (46%)
- Yellow (98%)
- Blue (100%)



- Cyan (54%)
- Magenta (0%)
- Yellow (52%)
- Black (0%)



- Cyan (54%)
- Magenta (0%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285923194 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 4285923194 by changing the saturation by 10% instead.



 4285923194

 4285923194

4294967295

 4283818591

 4289920945

 4281320773

 4291887053

 4278233385

 4293918698

 4278226437

 4278219520

 4278212864

 4278206464

 4278200320

 4278190336

 4285923194

 4285923194

 4284219233

 4287627155

 4282580809

 4289265579

 4280876848

 4290969540

 4279238424

 4292607964

 4278255369

 4294246389

4294967295

# Harmonies

## Analogous

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



4292341568



4285923194



4278255559

# Triad

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



4285923194



4278252543



4294942128

# Complementary

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



4285923194



4294931962

# 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.



4294941951



4285923194



4290238719

# Square

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



4285923194



4278255615



4294948607



4294948715

# Rectangle

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



4285923194



4278255614



4294948607



4294941130

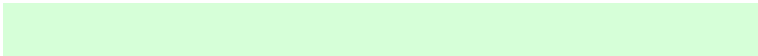


# Sweetspot

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



4285923194



4292280280



4294639477



4284973160



4278190080



4286611584



# Same Dimension

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



4285923194



4284088159



4285923263



4285759603



4278238983



4278206466



# Inverse Universe

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



4294931962



4294924793



4294931893



4286608255



4290707640

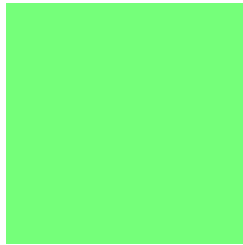


4282384445



# Previews

## White Background



This preview shows how the Android color 4285923194 looks on a white background.

## Color Contrast Check

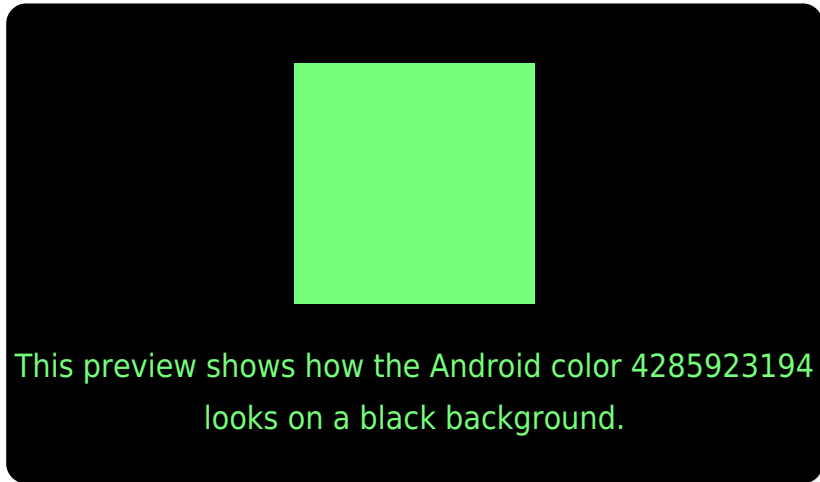
Large Text (above 18pt) WCAG AA × Fail

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 4285923194 Background



This preview shows how black text looks on a background with the Android color 4285923194.



This preview shows how white text looks on a background with the Android color 4285923194.

# Color Blindness Simulation

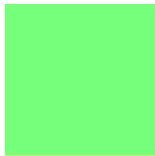
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

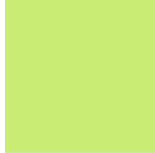




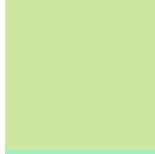
# Trichromacy



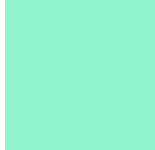
**Original Color**  
4285923194



**Protanomaly**  
4291423348



**Deuteranomaly**  
4291684510

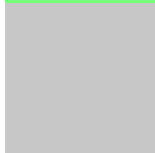


**Tritanomaly**  
4287821007

# Monochromacy



**Original Color**  
4285923194



**Achromatopsia**  
4291282887



**Achromatomaly**  
4289321899

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285923194 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, 255, 122)` looks like.

```
.text, #text, p{  
    color:rgb(117, 255, 122)  
}
```

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, 255, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 255, 122) }
```

## Border

The CSS property to change the border of an element to Android 4285923194 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, 255, 122) }
```

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

```
.border{ border-color:rgb(117, 255, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 255, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 255, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 255, 122); box-shadow:4px 4px 4px 4px rgb(117, 255, 122) }
```

# Background

The CSS property to change the background color of an element to Android 4285923194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 255, 122) }
```

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

```
.background{ background-color: rgb(117,  
255, 122) }
```

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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