

# Converting Colors

Android(4285458506)

Have a look what the booklet for  
Android(4285458506) contains.

<b>Android(4285458506)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4285458506)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EE84A
RGB	110, 232, 74
RGB Percent	43%, 91%, 29%
CMY	0.5686, 0.0902, 0.7098
CMYK	0.53, 0.00, 0.68, 0.09
HSL	106°, 77%, 60%
HSV	106°, 68%, 91%
XYZ	36.5231, 61.5226, 16.4287
YIQ	177.5100, -21.9940, -75.0020

# Conversions

## Conversions Part 2

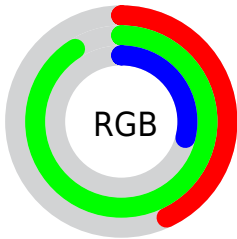
Format	Color
<a href="#">RYB</a>	<a href="#">74, 232, 196</a>
Decimal	<a href="#">7268426</a>
CIELab	<a href="#">82.66, -61.75, 63.63</a>
CIELCh	<a href="#">83, 88.663, 134.141</a>
Yxy	<a href="#">61.5226, 0.3191, 0.5374</a>
Android (android.graphics.Color)	<a href="#">4285458506 (0xFF6EE84A)</a>
YUV	<a href="#">177.5100, -51.0304, -59.2063</a>
Hunter-Lab	<a href="#">78.4364, -54.1470, 42.4870</a>

# Details

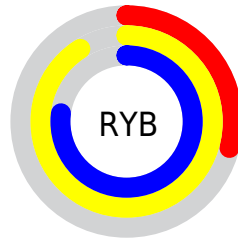
The Android color `4285458506` is a dark color, and the websafe version is hex `99FF66`. The color can be described as middle muted chartreuse. A complement of this color would be `4291054312`, and the grayscale version is `4289901234`.

A 20% lighter version of the original color is `4289462146`, and `4280856320` is the 20% darker color. If you saturate the color by 10%, you get `4284278835`, and if you desaturate by 10%, it is `4286638177`.

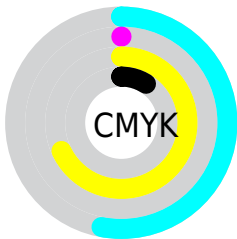
# Distribution



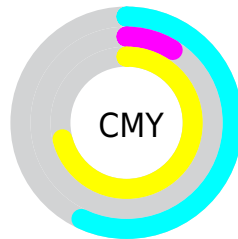
- Red (43%)
- Green (91%)
- Blue (29%)



- Red (29%)
- Yellow (91%)
- Blue (77%)



- Cyan (53%)
- Magenta (0%)
- Yellow (68%)
- Black (9%)



- Cyan (57%)
- Magenta (9%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285458506 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 4285458506 by changing the saturation by 10% instead.





4285458506



4285458506

4294967295



4283353900



4289462146



4280856320



4291428254



4278227968



4293394362



4278221056



4294967255



4278214400



4294967285



4278208000



4278202112



4278194432



4278190080

 4285458506

 4285458506

 4284278835

 4286638177

 4283099164


 4287817848

 4281919492

 4288997520

 4281722880

 4290177191

 4291356862

 4292470997

 4293650668

 4294830335

 4294961407

# Harmonies

## Analogous

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



4291876352



4285458506



4278251933

# Triad

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



4285458506



4278248703



4294932650

# Complementary

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



4285458506



4291054312

# 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.



4294934781



4285458506



4284467967

# Square

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



4285458506



4278252031



4294944255



4294939996

# Rectangle

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



4285458506



4278252759



4294944255



4294932166

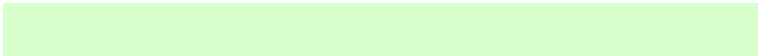


# Sweetspot

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



4285458506



4292411340



4293444426



4285038689



4278190080



4286611584



# Same Dimension

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



4285458506



4284415790



4283099252



4285166439



4280922880



4278989568



# Inverse Universe

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



4291054312



4291768063



4293413566



4285556595



4287234227

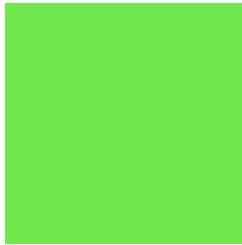


4280746035



# Previews

## White Background



This preview shows how the Android color 4285458506 looks on a white background.

## Color Contrast Check

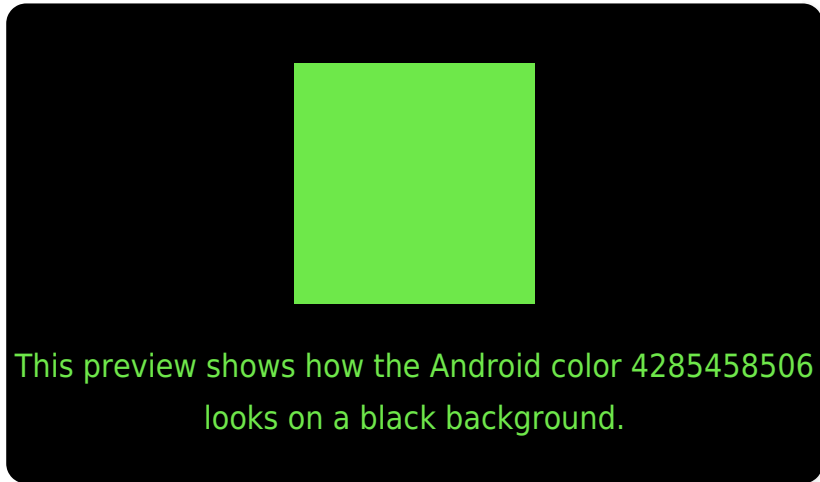
Large Text (above 18pt) WCAG AA × Fail

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

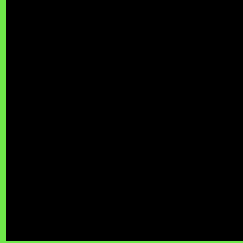
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

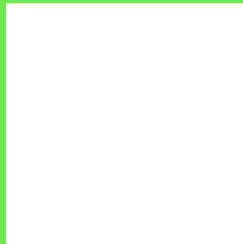
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4285458506 Background



This preview shows how black text looks on a background with the Android color 4285458506.

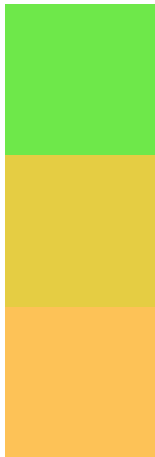


This preview shows how white text looks on a background with the Android color 4285458506.

# 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**  
4285458506

**Protanopia**  
4293250371

**Deuteranopia**  
4294820439



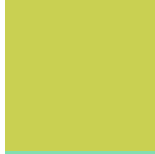
# Trichromacy



**Original Color**  
4285458506



**Protanomaly**  
4290434886



**Deuteranomaly**  
4291416146

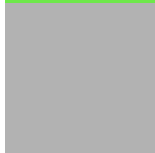


**Tritanomaly**  
4286766768

# Monochromacy



**Original Color**  
4285458506



**Achromatopsia**  
4289901234



**Achromatomaly**  
4288267916

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285458506 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(110, 232, 74)` looks like.

```
.text, #text, p{  
    color:rgb(110, 232, 74)  
}
```

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(110, 232, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 232, 74) }
```

## Border

The CSS property to change the border of an element to Android 4285458506 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(110, 232, 74) }
```

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

```
.border{ border-color:rgb(110, 232, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 232, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 232, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 232, 74);  
box-shadow:4px 4px 4px 4px rgb(110, 232,  
74) }
```

# Background

The CSS property to change the background color of an element to Android 4285458506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 232, 74) }
```

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

```
.background{ background-color: rgb(110,  
232, 74) }
```

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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