

# Converting Colors

Android(4285005606)

Have a look what the booklet for  
Android(4285005606) contains.

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**Color**

**Android(4285005606)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67FF26
RGB	103, 255, 38
RGB Percent	40%, 100%, 15%
CMY	0.5961, 0.0000, 0.8510
CMYK	0.60, 0.00, 0.85, 0.00
HSL	102°, 100%, 57%
HSV	102°, 85%, 100%
XYZ	41.7034, 74.5435, 14.0241
YIQ	184.8140, -20.9350, -99.7110

# Conversions

## Conversions Part 2

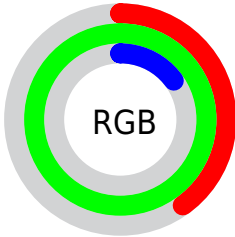
Format	Color
R <sub>Y</sub> B	38, 255, 190
Decimal	6815526
CIE Lab	89.18, -73.42, 80.34
CIE LCh	89, 108.833, 132.422
Yxy	74.5435, 0.3201, 0.5722
Android (android.graphics.Color)	4285005606 (0xFF67FF26)
YUV	184.8140, -72.3793, -71.7509
Hunter-Lab	86.3386, -64.8732, 50.8065

# Details

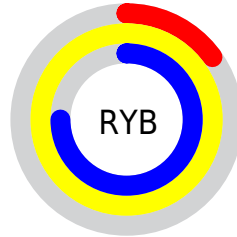
The Android color `4285005606` is a dark color, and the websafe version is hex `66FF33`. The color can be described as dark washed chartreuse. A complement of this color would be `4290651903`, and the grayscale version is `4290427578`.

A 20% lighter version of the original color is `4289331050`, and `4278240512` is the 20% darker color. If you saturate the color by 10%, you get `4283825933`, and if you desaturate by 10%, it is `4286185280`.

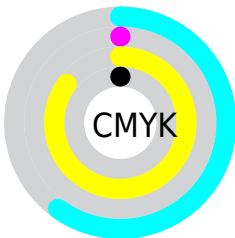
# Distribution



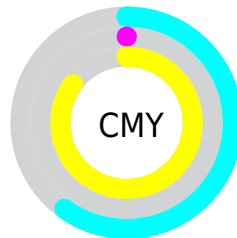
- Red (40%)
- Green (100%)
- Blue (15%)



- Red (15%)
- Yellow (100%)
- Blue (75%)



- Cyan (60%)
- Magenta (0%)
- Yellow (85%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285005606 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 4285005606 by changing the saturation by 10% instead.





4285005606



4285005606

4294967295



4282507776



4289331050



4278240512



4291362696



4278233344



4293459877



4278226176



4294967235



4278219264



4294967265



4278212608



4278206208



4278199808



4278190080

■ 4285005606

■ 4285005606

■ 4283825933

■ 4286185280

■ 4283236096

■ 4287364953

■ 4288544627

■ 4289658764

■ 4290838438

■ 4292018111

■ 4293197785

■ 4294377458

4294967295

# Harmonies

## Analogous

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



4293257472



4285005606



4278255517

# Triad

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



4285005606



4278255103



4294927802

# Complementary

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



4285005606



4290651903

# 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.



4294932223



4285005606



4278247423

# Square

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



4285005606



4278255615



4294946559



4294939222

# Rectangle

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



4285005606



4278255590



4294946559



4294927068

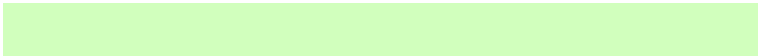


# Sweetspot

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



4285005606



4291952573



4294950438



4284776536



4278190080



4286611584



# Same Dimension

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



4285005606



4283236096



4280745809



4286021747



4281974528



4279451648



# Inverse Universe

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



4290651903



4289921279



4294911700



4286346112



4286972095

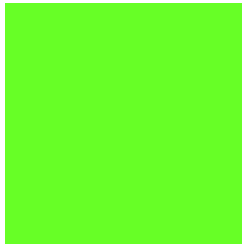


4281139264



# Previews

## White Background



This preview shows how the Android color 4285005606 looks on a white background.

## Color Contrast Check

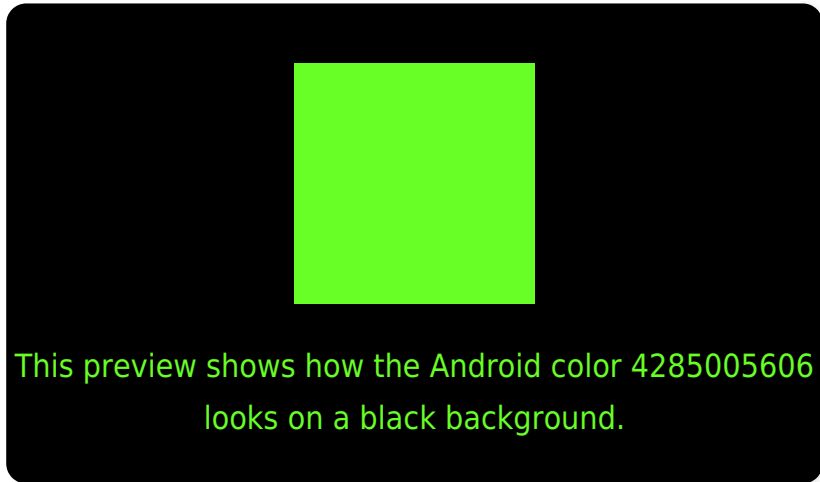
Large Text (above 18pt) WCAG AA × Fail

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

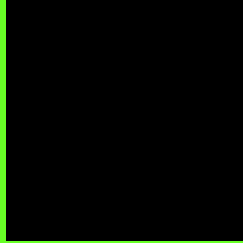
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

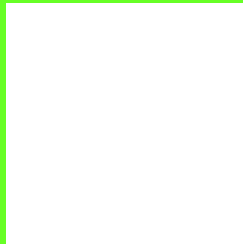
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4285005606 Background



This preview shows how black text looks on a background with the Android color 4285005606.

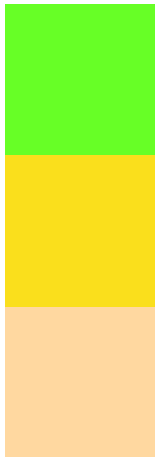


This preview shows how white text looks on a background with the Android color 4285005606.

# 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



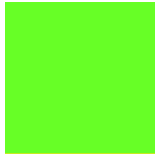
**Original Color**  
4285005606

**Protanopia**  
4294631196

**Deuteranopia**  
4294957216



# Trichromacy



**Original Color**

4285005606



**Protanomaly**

4291160864



**Deuteranomaly**

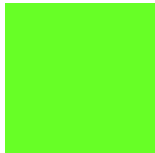
4291356276



**Tritanomaly**

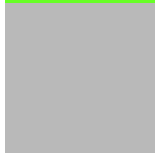
4286903472

# Monochromacy



**Original Color**

4285005606



**Achromatopsia**

4290361785



**Achromatomaly**

4288402052

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285005606 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, 255, 38)` looks like.

```
.text, #text, p{  
    color:rgb(103, 255, 38)  
}
```

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, 255, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 255, 38) }
```

## Border

The CSS property to change the border of an element to Android 4285005606 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, 255, 38) }
```

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

```
.border{ border-color:rgb(103, 255, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 255, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 255, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 255, 38);  
box-shadow:4px 4px 4px 4px rgb(103, 255,  
38) }
```

# Background

The CSS property to change the background color of an element to Android 4285005606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 255, 38) }
```

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

```
.background{ background-color: rgb(103,  
255, 38) }
```

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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