

# Converting Colors

Android(4285594430)

Have a look what the booklet for  
Android(4285594430) contains.

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# **Color**

**Android(4285594430)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70FB3E
RGB	112, 251, 62
RGB Percent	44%, 98%, 24%
CMY	0.5608, 0.0157, 0.7569
CMYK	0.55, 0.00, 0.75, 0.02
HSL	104°, 96%, 61%
HSV	104°, 75%, 98%
XYZ	42.0488, 72.7869, 16.3905
YIQ	187.8930, -22.1750, -88.2470

# Conversions

## Conversions Part 2

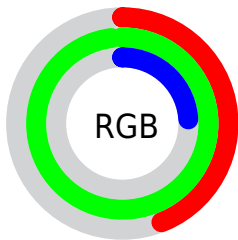
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 251, 201
Decimal	7404350
CIELab	88.35, -68.78, 73.52
CIElCh	88, 100.675, 133.095
Yxy	72.7869, 0.3204, 0.5547
Android (android.graphics.Color)	4285594430 (0xFF70FB3E)
YUV	187.8930, -62.0652, -66.5582
Hunter-Lab	85.3152, -61.3255, 48.3301

# Details

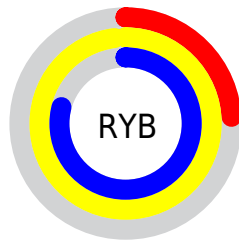
The Android color **4285594430** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **4291378939**, and the grayscale version is **4290624957**.

A 20% lighter version of the original color is **4289724282**, and **4280402176** is the 20% darker color. If you saturate the color by 10%, you get **4284414757**, and if you desaturate by 10%, it is **4286774103**.

# Distribution



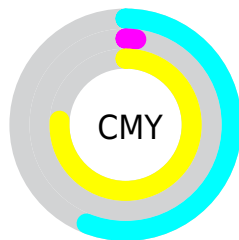
- Red (44%)
- Green (98%)
- Blue (24%)



- Red (24%)
- Yellow (98%)
- Blue (79%)



- Cyan (55%)
- Magenta (0%)
- Yellow (75%)
- Black (2%)



- Cyan (56%)
- Magenta (2%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285594430 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 4285594430 by changing the saturation by 10% instead.



 4285594430


 4285594430

4294967295

 4283358743

 4289724282

 4280402176

 4291755927

 4278232320

 4293787572

 4278225408

 4294967249

 4278218496

 4294967279

 4278211840

 4278205696

 4278199296

 4278190080

 4285594430

 4285594430

 4284414757

 4286774103

 4283169548

 4288019312

 4282579712

 4289198985

 4290444194

 4291623867

 4292869077

 4294048750

 4294966271

# Harmonies

## Analogous

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



4293060096



4285594430



4278255522

# Triad

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



4285594430



4278253823



4294931640

# Complementary

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



4285594430



4291378939

# 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.



4294934783



4285594430



4281064447

# Square

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



4285594430



4278255615



4294946815



4294941021

# Rectangle

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



4285594430



4278255589



4294946815



4294931160

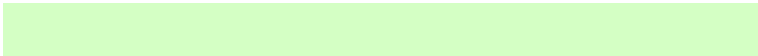


# Sweetspot

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



4285594430



4292149188



4294691134



4284842076



4278190080



4286611584



# Same Dimension

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



4285594430



4283891481



4282317674



4285824368



4281515264



4279254272



# Inverse Universe

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



4291378939



4290910719



4294655695



4286214269



4287299773

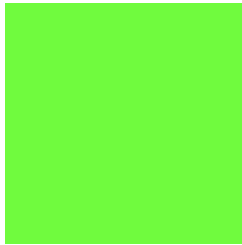


4281139261



# Previews

## White Background



This preview shows how the Android color 4285594430 looks on a white background.

## Color Contrast Check

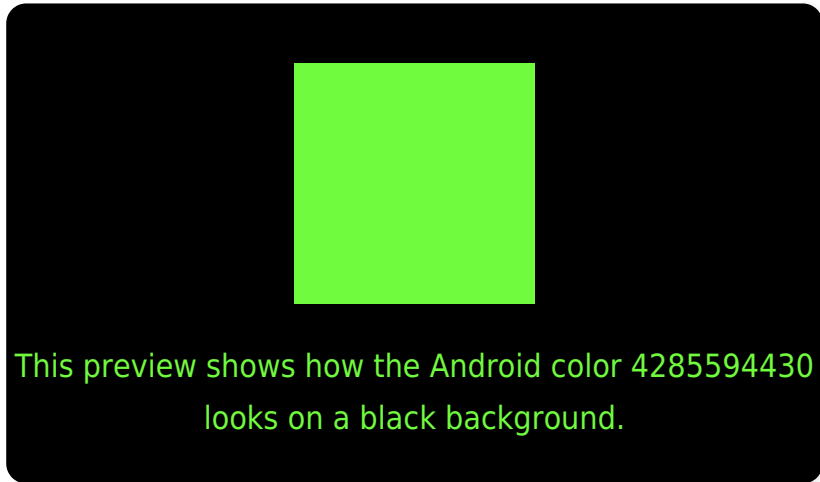
Large Text (above 18pt) WCAG AA × Fail

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

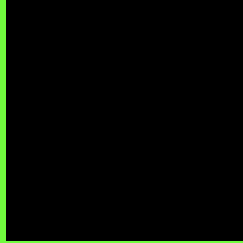
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

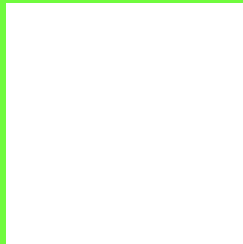
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4285594430 Background



This preview shows how black text looks on a background with the Android color 4285594430.

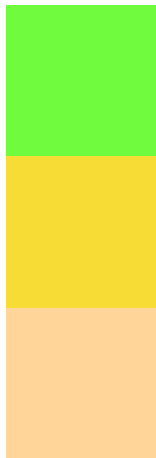


This preview shows how white text looks on a background with the Android color 4285594430.

# 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



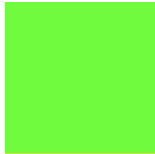
**Original Color**  
4285594430

**Protanopia**  
4294433846

**Deuteranopia**  
4294956441

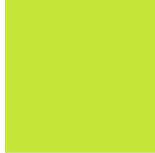


# Trichromacy



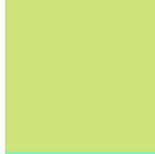
**Original Color**

4285594430



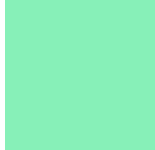
**Protanomaly**

4291225401



**Deuteranomaly**

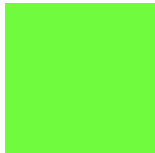
4291552120



**Tritanomaly**

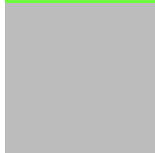
4287099064

# Monochromacy



**Original Color**

4285594430



**Achromatopsia**

4290559164



**Achromatomaly**

4288729998

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285594430 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(112, 251, 62)` looks like.

```
.text, #text, p{  
    color:rgb(112, 251, 62)  
}
```

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(112, 251, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 251, 62) }
```

## Border

The CSS property to change the border of an element to Android 4285594430 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(112, 251, 62) }
```

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

```
.border{ border-color:rgb(112, 251, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 251, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 251, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 251, 62);  
box-shadow:4px 4px 4px 4px rgb(112, 251,  
62) }
```

# Background

The CSS property to change the background color of an element to Android 4285594430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 251, 62) }
```

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

```
.background{ background-color: rgb(112,  
251, 62) }
```

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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