

# Converting Colors

Android(4283956997)

Have a look what the booklet for  
Android(4283956997) contains.

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# **Color**

**Android(4283956997)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57FF05
RGB	87, 255, 5
RGB Percent	34%, 100%, 2%
CMY	0.6588, 0.0000, 0.9804
CMYK	0.66, 0.00, 0.98, 0.00
HSL	100°, 100%, 51%
HSV	100°, 98%, 100%
XYZ	39.7179, 73.5572, 12.2482
YIQ	176.2680, -19.8780, -113.3660

# Conversions

## Conversions Part 2

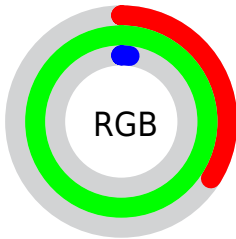
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 255, 173
Decimal	5766917
CIELab	88.71, -77.54, 83.99
CIELCh	89, 114.310, 132.711
Yxy	73.5572, 0.3164, 0.5860
Android (android.graphics.Color)	4283956997 (0xFF57FF05)
YUV	176.2680, -84.4351, -78.2880
Hunter-Lab	85.7655, -67.4265, 51.5686

# Details

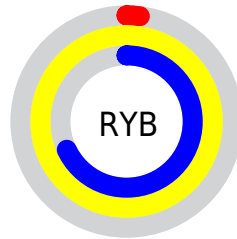
The Android color `4283956997` is a dark color, and the websafe version is hex `66FF00`. The color can be described as dark saturated green. A complement of this color would be `4289529343`, and the grayscale version is `4289835441`.

A 20% lighter version of the original color is `4288544606`, and `4278240512` is the 20% darker color. If you saturate the color by 10%, you get `4283760384`, and if you desaturate by 10%, it is `4285071135`.

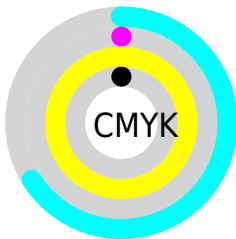
# Distribution



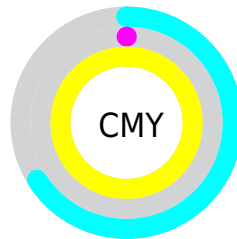
- Red (34%)
- Green (100%)
- Blue (2%)



- Red (2%)
- Yellow (100%)
- Blue (68%)



- Cyan (66%)
- Magenta (0%)
- Yellow (98%)
- Black (0%)



- Cyan (66%)
- Magenta (0%)
- Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283956997 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 4283956997 by changing the saturation by 10% instead.





4283956997



4283956997

4294967295



4280803840



4288544606



4278240512



4290641789



4278233088



4292738970



4278226176



4294836152



4278219264



4294967254



4278212352



4294967284



4278206208



4278199552



4278190080

■ 4283956997

■ 4283956997

■ 4283760384

■ 4285071135

■ 4286185272

■ 4287299410

■ 4288479083

■ 4289593221

■ 4290707358

■ 4291821496

■ 4292935633

■ 4294049771

# Harmonies

## Analogous

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



4292995328



4283956997



4278255513

# Triad

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



4283956997



4278255103



4294923190

# Complementary

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



4283956997



4289529343

# 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.



4294928639



4283956997



4278246911

# Square

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



4283956997



4278255615



4294945279



4294937164

# Rectangle

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



4283956997



4278255590



4294945279



4294922202

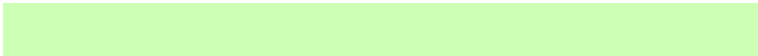


# Sweetspot

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



4283956997



4291690421



4294945797



4284645459



4278190080



4286611584



# Same Dimension

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



4283956997



4283760384



4278583087



4286021747



4282367744



4279582720



# Inverse Universe

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



4289529343



4289396991



4294903253



4286280576



4286644415

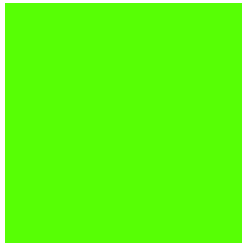


4281008192



# Previews

## White Background



This preview shows how the Android color 4283956997 looks on a white background.

## Color Contrast Check

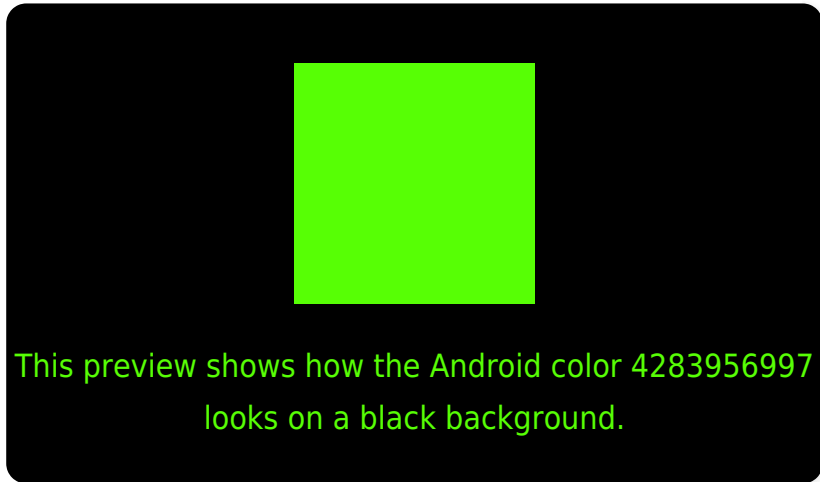
Large Text (above 18pt) WCAG AA × Fail

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

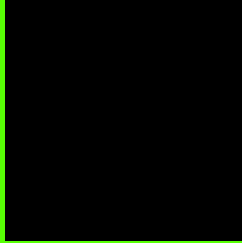
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

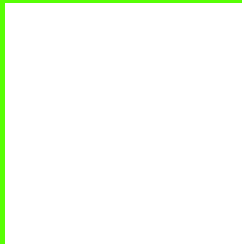
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283956997 Background



This preview shows how black text looks on a background with the Android color 4283956997.



This preview shows how white text looks on a background with the Android color 4283956997.

# 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**  
4283956997

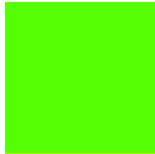
**Protanopia**  
4294565120

**Deuteranopia**  
4294956698



**Tritanopia**  
4287294719

# Trichromacy



**Original Color**  
4283956997



**Protanomaly**  
4290701570

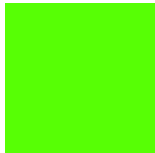


**Deuteranomaly**  
4290962788

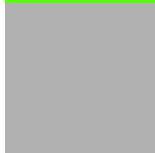


**Tritanomaly**  
4286051236

# Monochromacy



**Original Color**  
4283956997



**Achromatopsia**  
4289769648



**Achromatomaly**  
4287679858

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283956997 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(87, 255, 5)` looks like.

```
.text, #text, p{  
    color:rgb(87, 255, 5)  
}
```

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(87, 255, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 255, 5) }
```

## Border

The CSS property to change the border of an element to Android 4283956997 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(87, 255, 5) }
```

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

```
.border{ border-color:rgb(87, 255, 5) }
```

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

Here you see how a box with a 4 pixel rgb(87, 255, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 255, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 255, 5);  
box-shadow:4px 4px 4px 4px rgb(87, 255, 5)  
}
```

# Background

The CSS property to change the background color of an element to Android 4283956997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 255, 5) }
```

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

```
.background{ background-color: rgb(87, 255,  
5) }
```

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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