

# Converting Colors

Android(4284415807)

Have a look what the booklet for  
Android(4284415807) contains.

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# **Color**

**Android(4284415807)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EFF3F
RGB	94, 255, 63
RGB Percent	37%, 100%, 25%
CMY	0.6314, 0.0000, 0.7529
CMYK	0.63, 0.00, 0.75, 0.00
HSL	110°, 100%, 62%
HSV	110°, 75%, 100%
XYZ	41.2733, 74.2586, 16.8606
YIQ	184.9730, -34.3240, -93.8440

# Conversions

## Conversions Part 2

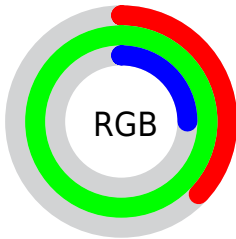
Format	Color
<a href="#">RYB</a>	63, 255, 224
Decimal	6225727
CIELab	89.04, -74.15, 73.71
CIELCh	89, 104.554, 135.170
Yxy	74.2586, 0.3117, 0.5609
Android (android.graphics.Color)	4284415807 (0xFF5EFF3F)
YUV	184.9730, -60.1327, -79.7833
Hunter-Lab	86.1734, -65.3098, 48.7207

# Details

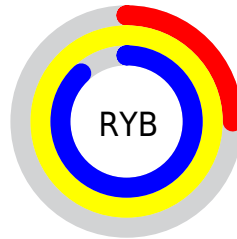
The Android color `4284415807` is a dark color, and the websafe version is hex `66FF33`. The color can be described as dark washed green. A complement of this color would be `4292886527`, and the grayscale version is `4290427578`.

A 20% lighter version of the original color is `4288806779`, and `4278240512` is the 20% darker color. If you saturate the color by 10%, you get `4283039525`, and if you desaturate by 10%, it is `4285792089`.

# Distribution



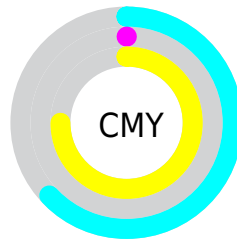
- Red (37%)
- Green (100%)
- Blue (25%)



- Red (25%)
- Yellow (100%)
- Blue (88%)



- Cyan (63%)
- Magenta (0%)
- Yellow (75%)
- Black (0%)



- Cyan (63%)
- Magenta (0%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284415807 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 4284415807 by changing the saturation by 10% instead.





4284415807



4284415807

4294967295



4281721368



4288806779



4278240512



4290903960



4278233344



4292935605



4278226176



4294967250



4278219264



4294967280



4278212608



4278206208



4278199552



4278190080

■ 4284415807

■ 4284415807

■ 4283039525

■ 4285792089

■ 4281597708

■ 4287233906

■ 4280942336

■ 4288610188

■ 4290052005

■ 4291428287

■ 4292804568

■ 4294246386

4294967295

# Harmonies

## Analogous

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



4292733696



4284415807



4278255529

# Triad

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



4284415807



4278254079



4294930610

# Complementary

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



4284415807



4292886527

# 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.



4294932991



4284415807



4282899199

# Square

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



4284415807



4278255615



4294945791



4294941267

# Rectangle

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



4284415807



4278255599



4294945791



4294929619

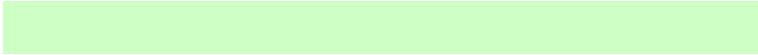


# Sweetspot

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



4284415807



4291755972



4294958911



4284645468



4278190080



4286611584



# Same Dimension

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



4284415807



4282384153



4282384255



4285890675



4280270592



4278861824



# Inverse Universe

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



4292886527



4292483583



4294918079



4286411648



4288676031

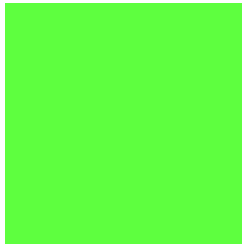


4281663552



# Previews

## White Background



This preview shows how the Android color 4284415807 looks on a white background.

## Color Contrast Check

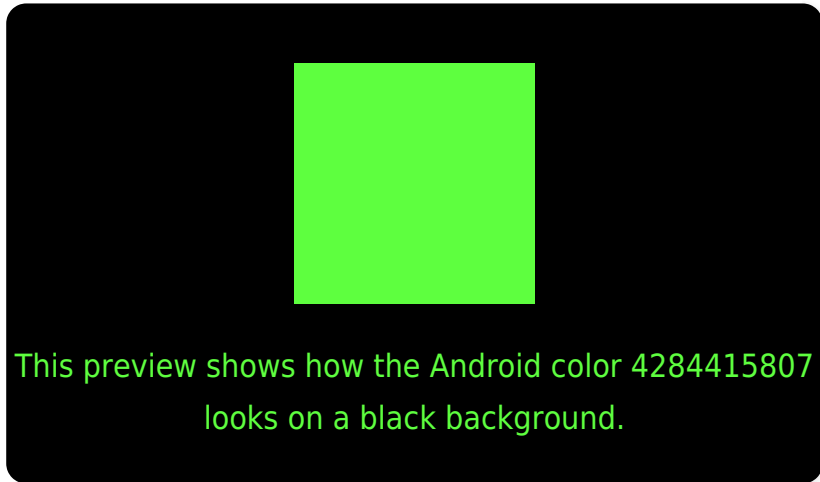
Large Text (above 18pt) WCAG AA × Fail

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 4284415807 Background



This preview shows how black text looks on a background with the Android color 4284415807.

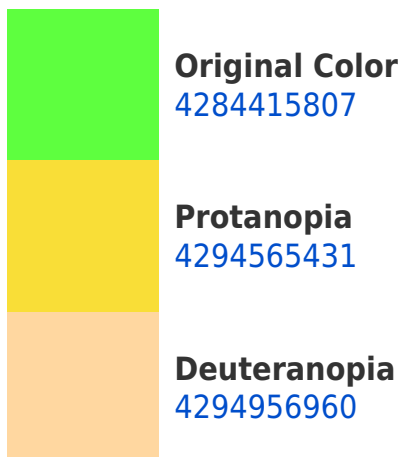


This preview shows how white text looks on a background with the Android color 4284415807.

# 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





**Tritanopia**  
4287688191

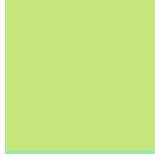
# Trichromacy



**Original Color**  
4284415807



**Protanomaly**  
4290898490



**Deuteranomaly**  
4291094141

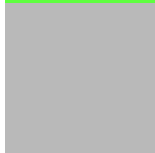


**Tritanomaly**  
4286510265

# Monochromacy



**Original Color**  
4284415807



**Achromatopsia**  
4290361785



**Achromatomaly**  
4288205453

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284415807 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(94, 255, 63)` looks like.

```
.text, #text, p{  
    color:rgb(94, 255, 63)  
}
```

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(94, 255, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 255, 63) }
```

## Border

The CSS property to change the border of an element to Android 4284415807 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(94, 255, 63) }
```

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

```
.border{ border-color:rgb(94, 255, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 255, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 255, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 255, 63);  
box-shadow:4px 4px 4px 4px rgb(94, 255,  
63) }
```

# Background

The CSS property to change the background color of an element to Android 4284415807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 255, 63) }
```

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

```
.background{ background-color: rgb(94, 255,  
63) }
```

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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