

# Converting Colors

Android(4284807739)

Have a look what the booklet for  
Android(4284807739) contains.

<b>Android(4284807739)</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(4284807739)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64FA3B
RGB	100, 250, 59
RGB Percent	39%, 98%, 23%
CMY	0.6078, 0.0196, 0.7686
CMYK	0.60, 0.00, 0.76, 0.02
HSL	107°, 95%, 61%
HSV	107°, 76%, 98%
XYZ	40.2306, 71.3963, 15.7982
YIQ	183.3760, -28.0890, -91.2010

# Conversions

## Conversions Part 2

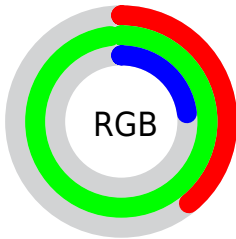
Format	Color
<a href="#">RYB</a>	59, 250, 209
Decimal	6617659
CIELab	87.68, -71.47, 73.66
CIElCh	88, 102.635, 134.136
Yxy	71.3963, 0.3157, 0.5603
Android (android.graphics.Color)	4284807739 (0xFF64FA3B)
YUV	183.3760, -61.3174, -73.1208
Hunter-Lab	84.4963, -62.8808, 48.0621

# Details

The Android color **4284807739** 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 **4291902458**, and the grayscale version is **4290295992**.

A 20% lighter version of the original color is **4289068919**, and **4278239232** is the 20% darker color. If you saturate the color by 10%, you get **4283496994**, and if you desaturate by 10%, it is **4286118484**.

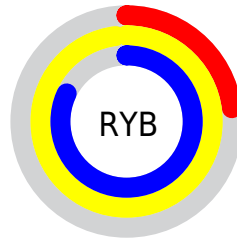
# Distribution



Red (39%)

Green (98%)

Blue (23%)



Red (23%)

Yellow (98%)

Blue (82%)

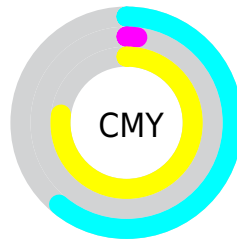


Cyan (60%)

Magenta (0%)

Yellow (76%)

Black (2%)



Cyan (61%)

Magenta (2%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284807739 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 4284807739 by changing the saturation by 10% instead.



 4284807739

 4284807739

4294967295

 4282309905

 4289068919

 4278239232

 4291100564

 4278232064

 4293197745

 4278225152

 4294967246

 4278218240

 4294967276

 4278211584

 4278205440

 4278198784

 4278190080

 4284807739


 4284807739

 4283496994

 4286118484

 4282251785

 4287363693

 4281793024

 4288674438

 4289985183

 4291230392

 4292541137

 4293786346

 4294966015

# Harmonies

## Analogous

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



4292666880



4284807739



4278255523

# Triad

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



4284807739



4278253311



4294930354

# Complementary

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



4284807739



4291902458

# 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



4284807739



4281456895

# Square

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



4284807739



4278255615



4294945535



4294940245

# Rectangle

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



4284807739



4278255591



4294945535



4294929363

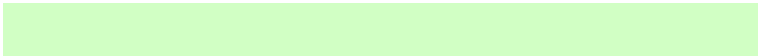


# Sweetspot

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



4284807739



4291952580



4294627643



4284711004



4278190080



4286611584



# Same Dimension

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



4284807739



4282908436



4282120817



4285758832



4280925440



4279057664



# Inverse Universe

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



4291902458



4291630335



4294589380



4286214269



4287889597

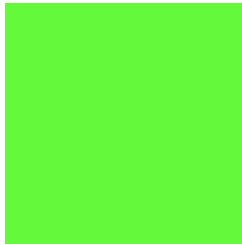


4281335869



# Previews

## White Background



This preview shows how the Android color 4284807739 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



This preview shows how the Android color 4284807739 looks on a 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 4284807739 Background



This preview shows how black text looks on a background with the Android color 4284807739.

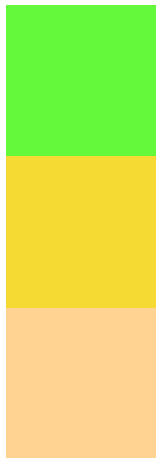


This preview shows how white text looks on a background with the Android color 4284807739.

# 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



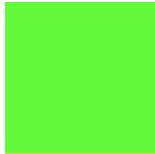
**Original Color**  
4284807739

**Protanopia**  
4294302259

**Deuteranopia**  
4294955921



# Trichromacy



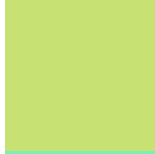
**Original Color**

4284807739



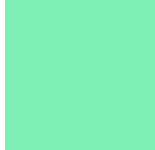
**Protanomaly**

4290831926



**Deuteranomaly**

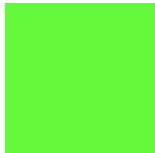
4291289458



**Tritanomaly**

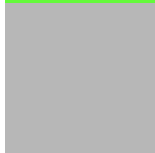
4286443446

# Monochromacy



**Original Color**

4284807739



**Achromatopsia**

4290230199



**Achromatomaly**

4288270218

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284807739 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(100, 250, 59)` looks like.

```
.text, #text, p{  
    color:rgb(100, 250, 59)  
}
```

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(100, 250, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 250, 59) }
```

## Border

The CSS property to change the border of an element to Android 4284807739 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(100, 250, 59) }
```

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

```
.border{ border-color:rgb(100, 250, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 250, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 250, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 250, 59);  
box-shadow:4px 4px 4px 4px rgb(100, 250,  
59) }
```

# Background

The CSS property to change the background color of an element to Android 4284807739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 250, 59) }
```

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

```
.background{ background-color: rgb(100,  
250, 59) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor