

# Converting Colors

Android(4283035740)

Have a look what the booklet for  
Android(4283035740) contains.

<b>Android(4283035740)</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(4283035740)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49F05C
RGB	73, 240, 92
RGB Percent	29%, 94%, 36%
CMY	0.7137, 0.0588, 0.6392
CMYK	0.70, 0.00, 0.62, 0.06
HSL	127°, 85%, 61%
HSV	127°, 70%, 94%
XYZ	35.8395, 64.5094, 20.6878
YIQ	173.1950, -52.0240, -81.4320

# Conversions

## Conversions Part 2

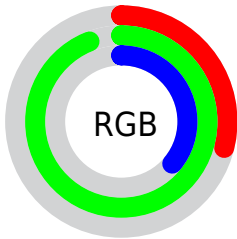
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 223, 240
Decimal	4845660
CIELab	84.23, -70.80, 57.83
CIElCh	84, 91.420, 140.757
Yxy	64.5094, 0.2961, 0.5330
Android (android.graphics.Color)	4283035740 (0xFF49F05C)
YUV	173.1950, -40.0291, -87.8710
Hunter-Lab	80.3177, -60.9054, 40.9508

# Details

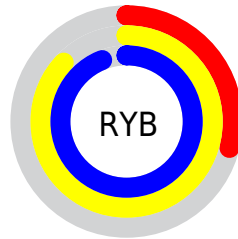
The Android color `4283035740` is a dark color, and the websafe version is hex `66FF66`. The color can be described as middle washed green. A complement of this color would be `4293937629`, and the grayscale version is `4289638062`.

A 20% lighter version of the original color is `4287561619`, and `4278236706` is the 20% darker color. If you saturate the color by 10%, you get `4281462855`, and if you desaturate by 10%, it is `4284608625`.

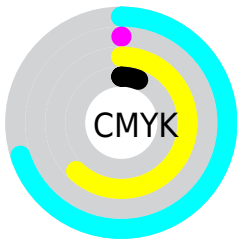
# Distribution



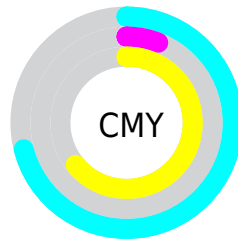
- Red (29%)
- Green (94%)
- Blue (36%)



- Red (29%)
- Yellow (87%)
- Blue (94%)



- Cyan (70%)
- Magenta (0%)
- Yellow (62%)
- Black (6%)



- Cyan (71%)
- Magenta (6%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283035740 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 4283035740 by changing the saturation by 10% instead.





4283035740



4283035740

4294967295



4279489344



4287561619



4278236706



4289593263



4278229760



4291624907



4278222592



4293722088



4278215936



4278209280



4278203136



4278195968



4278190080

 4283035740

 4283035740

 4281462855

 4284608625

 4279889969

 4286181511

 4278317084

 4287754396

 4278251547

 4289327281

 4290900166

 4292473052

 4294045937

 4294963455

# Harmonies

## Analogous

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



4290895872



4283035740



4278253748

# Triad

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



4283035740



4278248703



4294933914

# Complementary

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



4283035740



4293937629

# 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.



4294933489



4283035740



4288137215

# Square

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



4283035740



4278252799



4294942463



4294942795

# Rectangle

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



4283035740



4278254320



4294942463



4294932407

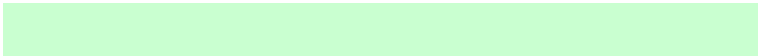


# Sweetspot

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



4283035740



4291428304



4292866121



4284514403



4278190080



4286611584



# Same Dimension

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



4283035740



4280942401



4283035821



4285298797



4278237205



4278204422



# Inverse Universe

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



4293937629



4294912487



4293937548



4286082166



4290248867

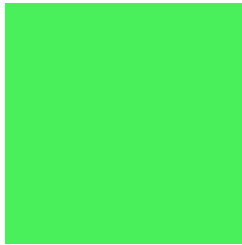


4281860146



# Previews

## White Background



This preview shows how the Android color 4283035740 looks on a white background.

## Color Contrast Check

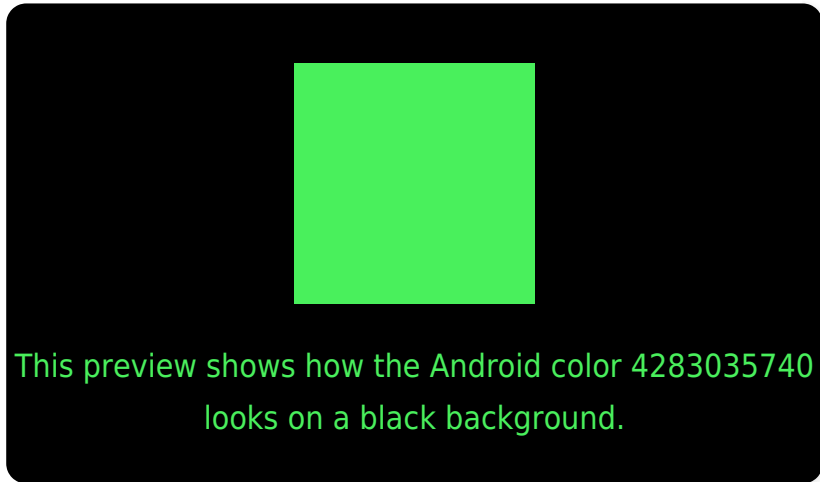
Large Text (above 18pt) WCAG AA × Fail

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 4283035740 Background



This preview shows how black text looks on a background with the Android color 4283035740.

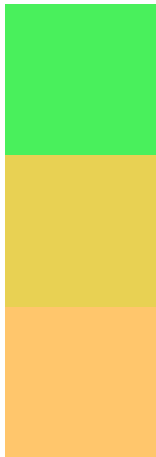


This preview shows how white text looks on a background with the Android color 4283035740.

# 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**  
4283035740

**Protanopia**  
4293448019

**Deuteranopia**  
4294952556



# Trichromacy



**Original Color**  
4283035740



**Protanomaly**  
4289649750



**Deuteranomaly**  
4290631014



**Tritanomaly**  
4284868284

# Monochromacy



**Original Color**  
4283035740



**Achromatopsia**  
4289572269



**Achromatomaly**  
4287219088

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283035740 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(73, 240, 92)` looks like.

```
.text, #text, p{  
    color:rgb(73, 240, 92)  
}
```

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(73, 240, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 240, 92) }
```

## Border

The CSS property to change the border of an element to Android 4283035740 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(73, 240, 92) }
```

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

```
.border{ border-color:rgb(73, 240, 92) }
```

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

Here you see how a box with a 4 pixel rgb(73, 240, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 240, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 240, 92);  
box-shadow:4px 4px 4px 4px rgb(73, 240,  
92) }
```

# Background

The CSS property to change the background color of an element to Android 4283035740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 240, 92) }
```

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

```
.background{ background-color: rgb(73, 240,  
92) }
```

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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