

# Converting Colors

Android(4284871197)

Have a look what the booklet for  
Android(4284871197) contains.

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**Color**

**Android(4284871197)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65F21D
RGB	101, 242, 29
RGB Percent	40%, 95%, 11%
CMY	0.6039, 0.0510, 0.8863
CMYK	0.58, 0.00, 0.88, 0.05
HSL	100°, 89%, 53%
HSV	100°, 88%, 95%
XYZ	37.3407, 66.3597, 12.0030
YIQ	175.5590, -15.6630, -96.1350

# Conversions

## Conversions Part 2

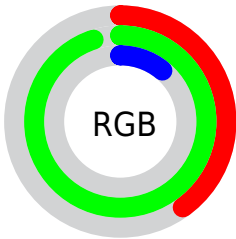
Format	Color
<a href="#">RYB</a>	29, 242, 170
Decimal	6681117
CIELab	85.18, -69.92, 78.55
CIElCh	85, 105.161, 131.673
Yxy	66.3597, 0.3227, 0.5735
Android (android.graphics.Color)	4284871197 (0xFF65F21D)
YUV	175.5590, -72.2536, -65.3882
Hunter-Lab	81.4614, -60.7358, 48.2869

# Details

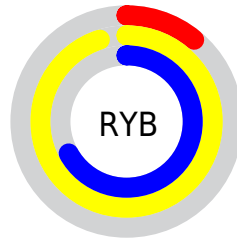
The Android color `4284871197` is a dark color, and the websafe version is hex `66FF33`. The color can be described as dark washed chartreuse. A complement of this color would be `4289338866`, and the grayscale version is `4289769648`.

A 20% lighter version of the original color is `4289068899`, and `4278237440` is the 20% darker color. If you saturate the color by 10%, you get `4283822597`, and if you desaturate by 10%, it is `4285919797`.

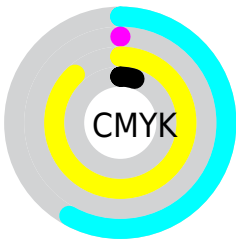
# Distribution



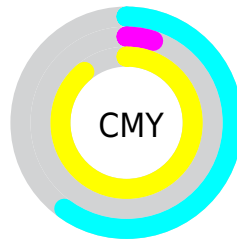
- Red (40%)
- Green (95%)
- Blue (11%)



- Red (11%)
- Yellow (95%)
- Blue (67%)



- Cyan (58%)
- Magenta (0%)
- Yellow (88%)
- Black (5%)



- Cyan (60%)
- Magenta (5%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284871197 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 4284871197 by changing the saturation by 10% instead.





4284871197



4284871197

4294967295



4282438912



4289068899



4278237440



4291166081



4278230272



4293197726



4278223360



4294967228



4278216448



4294967257



4278209792



4294967287



4278203904



4278196992



4278190080

■ 4284871197

■ 4284871197

■ 4283822597

■ 4285919797

■ 4283625984

■ 4286968397

■ 4288016998

■ 4289065598

■ 4290114198

■ 4291162798

■ 4292211398

■ 4293259999

■ 4294308599

# Harmonies

## Analogous

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



4292664576



4284871197



4278254994

# Triad

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



4284871197



4278252031



4294926002

# Complementary

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



4284871197



4289338866

# 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.



4294930687



4284871197



4278244607

# Square

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



4284871197



4278255359



4294944511



4294936659

# Rectangle

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



4284871197



4278255576



4294944511



4294925268

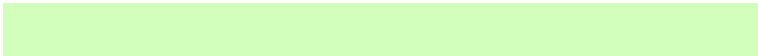


# Sweetspot

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



4284871197



4292083645



4294092573



4284842072



4278190080



4286611584



# Same Dimension

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



4284871197



4283891456



4280152637



4285560940



4282300416



4279449600



# Inverse Universe

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



4289338866



4289265919



4294057426



4285820024



4286185656

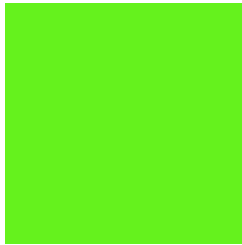


4280614968



# Previews

## White Background



This preview shows how the Android color 4284871197 looks on a white background.

## Color Contrast Check

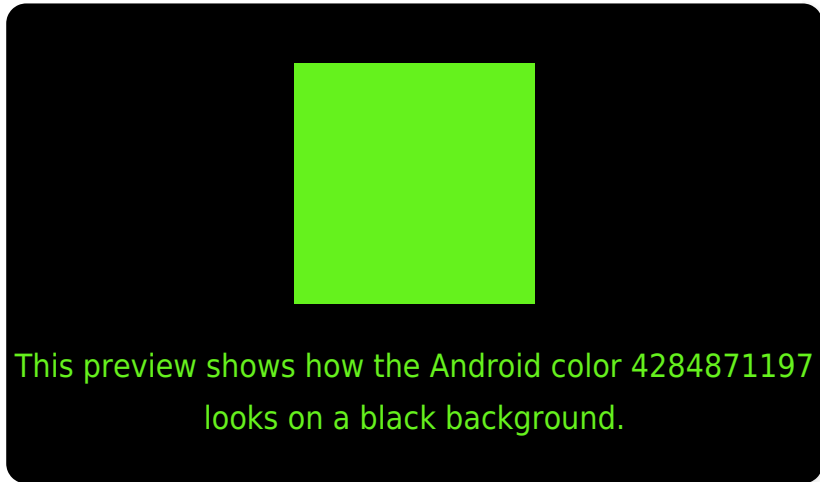
Large Text (above 18pt) WCAG AA × Fail

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

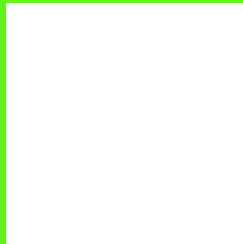
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4284871197 Background



This preview shows how black text looks on a background with the Android color 4284871197.



This preview shows how white text looks on a background with the Android color 4284871197.

# 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**  
4284871197

**Protanopia**  
4293841937

**Deuteranopia**  
4294953840



# Trichromacy



**Original Color**

4284871197



**Protanomaly**

4290567957



**Deuteranomaly**

4291287378



**Tritanomaly**

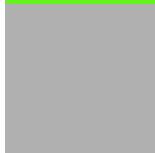
4286441381

# Monochromacy



**Original Color**

4284871197



**Achromatopsia**

4289769648



**Achromatomaly**

4288006267

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284871197 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(101, 242, 29)` looks like.

```
.text, #text, p{  
    color:rgb(101, 242, 29)  
}
```

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(101, 242, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 242, 29) }
```

## Border

The CSS property to change the border of an element to Android 4284871197 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(101, 242, 29) }
```

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

```
.border{ border-color:rgb(101, 242, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 242, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 242, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 242, 29);  
box-shadow:4px 4px 4px 4px rgb(101, 242,  
29) }
```

# Background

The CSS property to change the background color of an element to Android 4284871197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 242, 29) }
```

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

```
.background{ background-color: rgb(101,  
242, 29) }
```

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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