

# Converting Colors

Android(4289331021)

Have a look what the booklet for  
Android(4289331021) contains.

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# **Color**

**Android(4289331021)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A9FF4D
RGB	169, 255, 77
RGB Percent	66%, 100%, 30%
CMY	0.3373, 0.0000, 0.6980
CMYK	0.34, 0.00, 0.70, 0.00
HSL	89°, 100%, 65%
HSV	89°, 70%, 100%
XYZ	53.4617, 80.4908, 19.7397
YIQ	208.9940, 5.8820, -73.5900

# Conversions

## Conversions Part 2

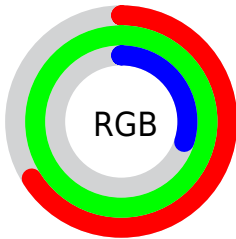
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">77, 255, 163</a>
Decimal	<a href="#">11140941</a>
CIELab	<a href="#">91.90, -52.37, 72.85</a>
CIELCh	<a href="#">92, 89.720, 125.712</a>
Yxy	<a href="#">80.4908, 0.3478, 0.5237</a>
Android (android.graphics.Color)	<a href="#">4289331021 (0xFFA9FF4D)</a>
YUV	<a href="#">208.9940, -65.0730, -35.0747</a>
Hunter-Lab	<a href="#">89.7167, -50.6369, 49.7565</a>

# Details

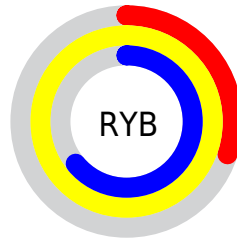
The Android color `4289331021` is a light color, and the websafe version is hex `99FF33`. The color can be described as light washed chartreuse. A complement of this color would be `4288892415`, and the grayscale version is `4292006610`.

A 20% lighter version of the original color is `4293263239`, and `4285449728` is the 20% darker color. If you saturate the color by 10%, you get `4288544564`, and if you desaturate by 10%, it is `4290117479`.

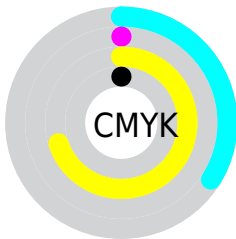
# Distribution



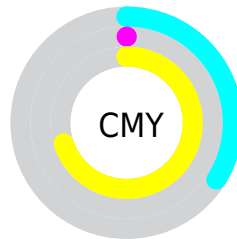
- Red (66%)
- Green (100%)
- Blue (30%)



- Red (30%)
- Yellow (100%)
- Blue (64%)



- Cyan (34%)
- Magenta (0%)
- Yellow (70%)
- Black (0%)



- Cyan (34%)
- Magenta (0%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289331021 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 4289331021 by changing the saturation by 10% instead.



 4289331021

 4289331021

4294967295

 4287423021

 4293263239

 4285449728

 4294967204

 4283476480

 4294967233

 4281241344

 4294967262

 4278220032

 4294967292

 4278213376

 4278207232

 4278201600

 4278193408

■ 4289331021

■ 4289331021

■ 4288544564

■ 4290117479

■ 4287692570

■ 4290969472

■ 4286906113

■ 4291755930

■ 4286906112

■ 4292542387

■ 4293394381

■ 4294180838

4294967295

# Harmonies

## Analogous

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



4294961427



4289331021



4278255517

# Triad

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



4289331021



4278255615



4294939355

# Complementary

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



4289331021



4288892415

# 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.



4294943743



4289331021



4278251007

# Square

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



4289331021



4278255615



4294953471



4294944136

# Rectangle

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



4289331021



4278255576



4294953471



4294939640

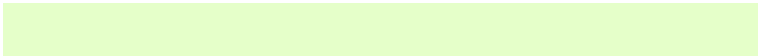


# Sweetspot

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



4289331021



4293263305



4294942797



4285562976



4278190080



4286611584



# Same Dimension

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



4289331021



4288216873



4283694925



4286152819



4284727040



4280369152



# Inverse Universe

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



4288892415



4287638015



4294528511



4286149504



4284219583

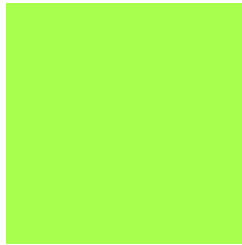


4280221760



# Previews

## White Background



This preview shows how the Android color 4289331021 looks on a white background.

## Color Contrast Check

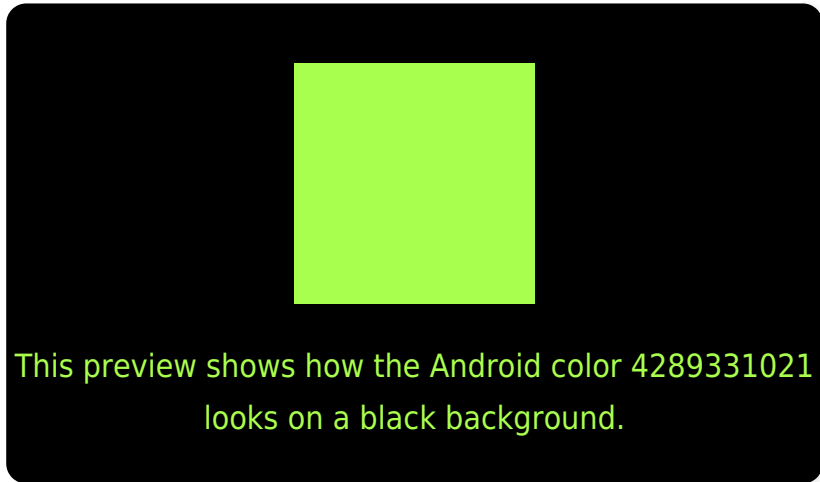
Large Text (above 18pt) WCAG AA × Fail

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

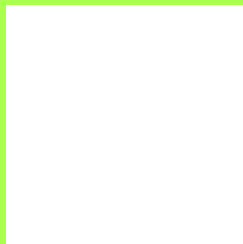
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4289331021 Background



This preview shows how black text looks on a background with the Android color 4289331021.

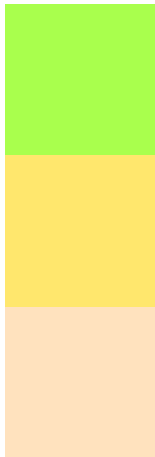


This preview shows how white text looks on a background with the Android color 4289331021.

# 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](#).

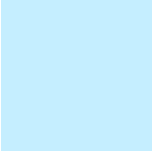
## Dichromacy



**Original Color**  
4289331021

**Protanopia**  
4294961005

**Deuteranopia**  
4294959806

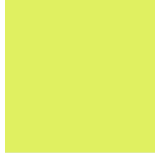


**Tritanopia**  
4291161855

# Trichromacy



**Original Color**  
4289331021



**Protanomaly**  
4292931681



**Deuteranomaly**  
4292930965

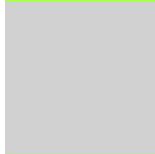


**Tritanomaly**  
4290507966

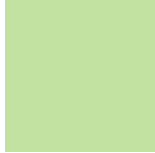
# Monochromacy



**Original Color**  
4289331021



**Achromatopsia**  
4291940817



**Achromatomaly**  
4290962081

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289331021 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(169, 255, 77)` looks like.

```
.text, #text, p{  
    color:rgb(169, 255, 77)  
}
```

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(169, 255, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 255, 77) }
```

## Border

The CSS property to change the border of an element to Android 4289331021 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(169, 255, 77) }
```

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

```
.border{ border-color:rgb(169, 255, 77) }
```

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

Here you see how a box with a 4 pixel rgb(169, 255, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 255, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 255, 77);  
box-shadow:4px 4px 4px 4px rgb(169, 255,  
77) }
```

# Background

The CSS property to change the background color of an element to Android 4289331021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 255, 77) }
```

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

```
.background{ background-color: rgb(169,  
255, 77) }
```

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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