

Converting Colors

Android(4284349001)

Have a look what the booklet for
Android(4284349001) contains.

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Color

Android(4284349001)

Conversions

Conversions Part 1

Format	Color
Hex	5DFA49
RGB	93, 250, 73
RGB Percent	36%, 98%, 29%
CMY	0.6353, 0.0196, 0.7137
CMYK	0.63, 0.00, 0.71, 0.02
HSL	113°, 95%, 63%
HSV	113°, 71%, 98%
XYZ	39.9024, 71.1794, 17.9393
YIQ	182.8790, -36.7550, -88.3310

Conversions

Conversions Part 2

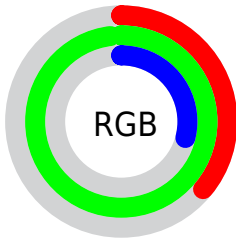
Format	Color
RYB	73, 250, 230
Decimal	6158921
CIELab	87.57, -72.04, 68.93
CIELCh	88, 99.707, 136.265
Yxy	71.1794, 0.3093, 0.5517
Android (android.graphics.Color)	4284349001 (0xFF5DFA49)
YUV	182.8790, -54.1703, -78.8239
Hunter-Lab	84.3679, -63.2209, 46.4506

Details

The Android color `4284349001` is a dark color, and the websafe version is hex `66FF33`. The color can be described as middle washed green. A complement of this color would be `4293282298`, and the grayscale version is `4290230199`.

A 20% lighter version of the original color is `4288675715`, and `4278239232` is the 20% darker color. If you saturate the color by 10%, you get `4282907184`, and if you desaturate by 10%, it is `4285790818`.

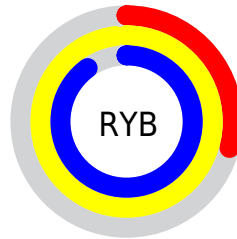
Distribution



Red (36%)

Green (98%)

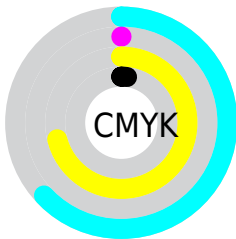
Blue (29%)



Red (29%)

Yellow (98%)

Blue (90%)

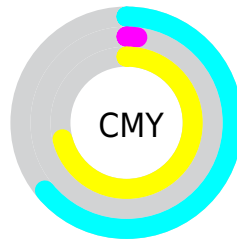


Cyan (63%)

Magenta (0%)

Yellow (71%)

Black (2%)



Cyan (64%)

Magenta (2%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284349001 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 4284349001 by changing the saturation by 10% instead.



4284349001



4284349001

4294967295



4281720105



4288675715



4278239232



4290707359



4278232064



4292804540



4278225152



4294836185



4278218240



4294967287



4278211584



4278205440



4278198784



4278190080

 4284349001

 4284349001

 4282907184

 4285790818

 4281465367

 4287232635

 4280089088

 4288739988

 4290181805

 4291623622

 4293065439

 4294507256

 4294966015

Harmonies

Analogous

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



4292273920



4284349001



4278255531

Triad

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



4284349001



4278252543



4294932140

Complementary

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



4284349001



4293282298

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.



4294933759



4284349001



4284995071

Square

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



4284349001



4278255615



4294945023



4294941779

Rectangle

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



4284349001



4278255597



4294945023



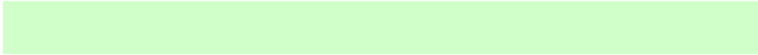
4294930892

Sweetspot

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



4284349001



4291887049



4294632777



4284711008



4278190080



4286611584

Same Dimension

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



4284349001



4282384166



4283038349



4285693296



4279614720



4278664448

Inverse Universe

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



4293282298



4293338879



4294592950



4286345341



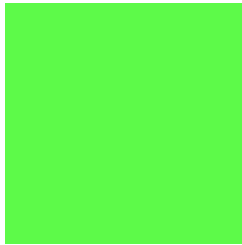
4289134781



4281729085

Previews

White Background



This preview shows how the Android color 4284349001 looks on a white background.

Color Contrast Check

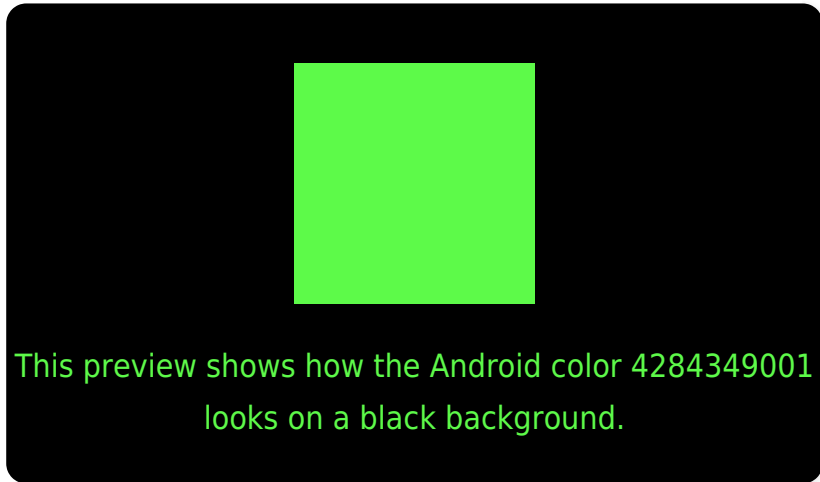
Large Text (above 18pt) WCAG AA × Fail

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

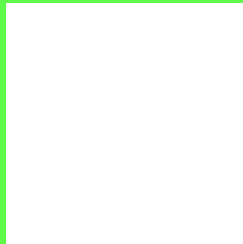
Any Text WCAG AAA ✓ Pass

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

Android 4284349001 Background



This preview shows how black text looks on a background with the Android color 4284349001.

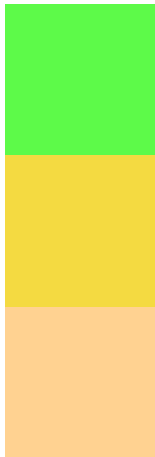


This preview shows how white text looks on a background with the Android color 4284349001.

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
4284349001

Protanopia
4294236737

Deuteranopia
4294955665

Trichromacy



Original Color
4284349001



Protanomaly
4290635332



Deuteranomaly
4291092855

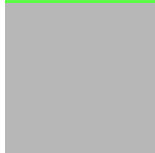


Tritanomaly
4286050235

Monochromacy



Original Color
4284349001



Achromatopsia
4290230199



Achromatomaly
4288073615

CSS Examples

Text

The CSS property to change the color of the text to Android 4284349001 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(93, 250, 73)` looks like.

```
.text, #text, p{  
    color:rgb(93, 250, 73)  
}
```

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(93, 250, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 250, 73) }
```

Border

The CSS property to change the border of an element to Android 4284349001 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(93, 250, 73) }
```

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

```
.border{ border-color:rgb(93, 250, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 250, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 250, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 250, 73);  
box-shadow:4px 4px 4px 4px rgb(93, 250,  
73) }
```

Background

The CSS property to change the background color of an element to Android 4284349001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 250, 73) }
```

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

```
.background{ background-color: rgb(93, 250,  
73) }
```

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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