

Converting Colors

Android(4289066573)

Have a look what the booklet for
Android(4289066573) contains.

Android(4289066573)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4289066573)

Conversions

Conversions Part 1

Format	Color
Hex	A5F64D
RGB	165, 246, 77
RGB Percent	65%, 96%, 30%
CMY	0.3529, 0.0353, 0.6980
CMYK	0.33, 0.00, 0.69, 0.04
HSL	89°, 90%, 63%
HSV	89°, 69%, 96%
XYZ	49.8124, 74.4467, 18.7654
YIQ	202.5150, 5.9730, -69.7310

Conversions

Conversions Part 2

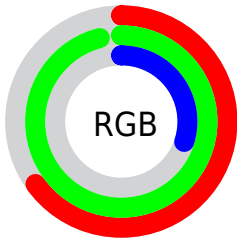
Format	Color
RYB	77, 246, 158
Decimal	10876493
CIELab	89.13, -50.04, 69.96
CIELCh	89, 86.016, 125.573
Yxy	74.4467, 0.3483, 0.5205
Android (android.graphics.Color)	4289066573 (0xFFA5F64D)
YUV	202.5150, -61.8789, -32.9007
Hunter-Lab	86.2825, -47.9432, 47.5029

Details

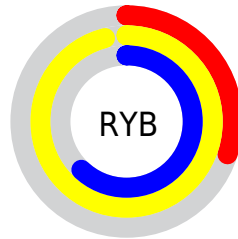
The Android color **4289066573** is a light color, and the websafe version is hex **99FF66**. The color can be described as light washed chartreuse. A complement of this color would be **4288564726**, and the grayscale version is **4291546059**.

A 20% lighter version of the original color is **4292935558**, and **4285250816** is the 20% darker color. If you saturate the color by 10%, you get **4288280116**, and if you desaturate by 10%, it is **4289853030**.

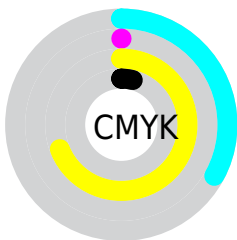
Distribution



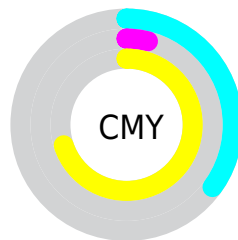
- Red (65%)
- Green (96%)
- Blue (30%)



- Red (30%)
- Yellow (96%)
- Blue (62%)



- Cyan (33%)
- Magenta (0%)
- Yellow (69%)
- Black (4%)



- Cyan (35%)
- Magenta (4%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Android color 4289066573 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 4289066573 by changing the saturation by 10% instead.

 4289066573

 4289066573

4294967295

 4287158574

 4292935558

 4285250816

 4294901667

 4283277824

 4294967231

 4281108224

 4294967261

 4278217984

 4294967290

 4278211584

 4278205184

 4278199808

 4278190080

 4289066573

 4289066573


 4288280116

 4289853030

 4287493660

 4290639486

 4286772739

 4291360407

 4286641664

 4292146863

 4292933320

 4293719777

 4294506233

 4294964991

Harmonies

Analogous

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



4294697244



4289066573



4278255512

Triad

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



4289066573



4278254335



4294938580

Complementary

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



4289066573



4288564726

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.



4294942719



4289066573



4278248703

Square

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



4289066573



4278255615



4294362111



4294943109

Rectangle

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



4289066573



4278255569



4294362111



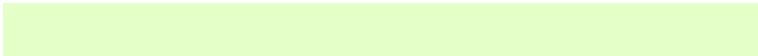
4294938864

Sweetspot

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



4289066573



4293263305



4294351949



4285562976



4278190080



4286611584

Same Dimension

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



4289066573



4288413486



4283692621



4285889134



4284594688



4280236800

Inverse Universe

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



4288564726



4287770367



4293938678



4285820538



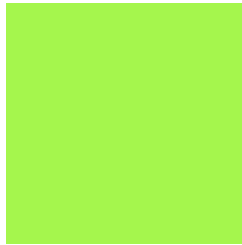
4284022970



4280025147

Previews

White Background



This preview shows how the Android color 4289066573 looks on a white background.

Color Contrast Check

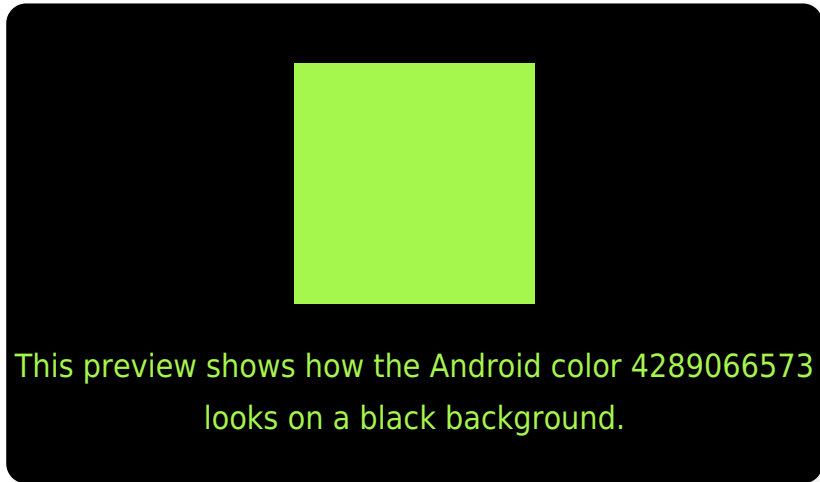
Large Text (above 18pt) WCAG AA × Fail

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 4289066573 Background



This preview shows how black text looks on a background with the Android color 4289066573.

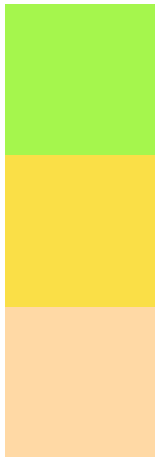


This preview shows how white text looks on a background with the Android color 4289066573.

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
4289066573

Protanopia
4294631239

Deuteranopia
4294957477

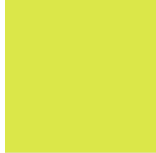


Tritanopia
4290569976

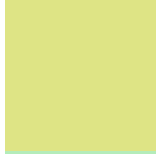
Trichromacy



Original Color
4289066573



Protanomaly
4292601673



Deuteranomaly
4292797573

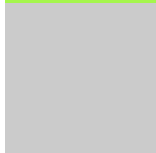


Tritanomaly
4290047162

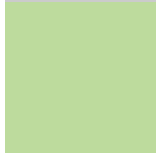
Monochromacy



Original Color
4289066573



Achromatopsia
4291546059



Achromatomaly
4290632605

CSS Examples

Text

The CSS property to change the color of the text to Android 4289066573 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(165, 246, 77)` looks like.

```
.text, #text, p{  
    color:rgb(165, 246, 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(165, 246, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 246, 77) }
```

Border

The CSS property to change the border of an element to Android 4289066573 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(165, 246, 77) }
```

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

```
.border{ border-color:rgb(165, 246, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 246, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 246, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 246, 77);  
box-shadow:4px 4px 4px 4px rgb(165, 246,  
77) }
```

Background

The CSS property to change the background color of an element to Android 4289066573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 246, 77) }
```

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

```
.background{ background-color: rgb(165,  
246, 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](#).

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