

Converting Colors

Android(4289265465)

Have a look what the booklet for
Android(4289265465) contains.

Android(4289265465)	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(4289265465)

Conversions

Conversions Part 1

Format	Color
Hex	A8FF39
RGB	168, 255, 57
RGB Percent	66%, 100%, 22%
CMY	0.3412, 0.0000, 0.7765
CMYK	0.34, 0.00, 0.78, 0.00
HSL	86°, 100%, 61%
HSV	86°, 78%, 100%
XYZ	52.6470, 80.1402, 16.5647
YIQ	206.4150, 11.7060, -80.0220

Conversions

Conversions Part 2

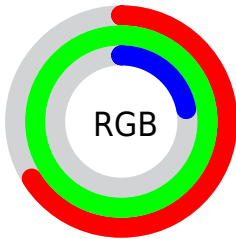
Format	Color
R_{YB}	57, 255, 144
Decimal	11075385
CIE Lab	91.75, -53.80, 79.00
CIE LCh	92, 95.585, 124.255
Yxy	80.1402, 0.3525, 0.5366
Android (android.graphics.Color)	4289265465 (0xFFA8FF39)
YUV	206.4150, -73.6616, -33.6900
Hunter-Lab	89.5211, -51.6868, 51.6939

Details

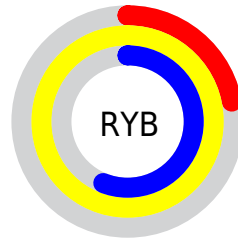
The Android color `4289265465` is a light color, and the websafe version is hex `99FF33`. The color can be described as light washed chartreuse. A complement of this color would be `4287642111`, and the grayscale version is `4291809231`.

A 20% lighter version of the original color is `4293197687`, and `4285318656` is the 20% darker color. If you saturate the color by 10%, you get `4288544543`, and if you desaturate by 10%, it is `4289986386`.

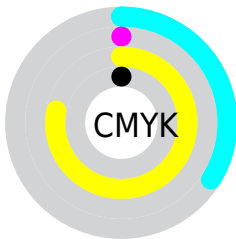
Distribution



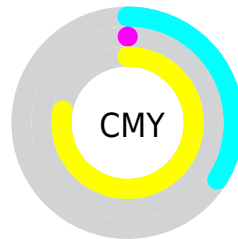
- Red (66%)
- Green (100%)
- Blue (22%)



- Red (22%)
- Yellow (100%)
- Blue (56%)



- Cyan (34%)
- Magenta (0%)
- Yellow (78%)
- Black (0%)



- Cyan (34%)
- Magenta (0%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Android color 4289265465 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 4289265465 by changing the saturation by 10% instead.



4289265465



4289265465

4294967295



4287291911



4293197687



4285318656



4294967188



4283279872



4294967218



4280979200



4294967247



4278220032



4294967277



4278213376



4278206976



4278201344



4278193152

■ 4289265465

■ 4289265465

■ 4288544543

■ 4289986386

■ 4287823622

■ 4290707308

■ 4287627008

■ 4291493765

■ 4292214687

■ 4292935608

■ 4293656530

■ 4294377451

4294967295

Harmonies

Analogous

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



4294960896



4289265465



4278255507

Triad

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



4289265465



4278255615



4294936542

Complementary

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



4289265465



4287642111

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.



4294942463



4289265465



4278251263

Square

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



4289265465



4278255615



4294494719



4294941829

Rectangle

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



4289265465



4278255570



4294494719



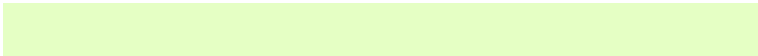
4294937341

Sweetspot

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



4289265465



4293263300



4294938425



4285562972



4278190080



4286611584

Same Dimension

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



4289265465



4288151314



4282842937



4286218355



4285251328



4280565760

Inverse Universe

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



4287642111



4286190335



4294064639



4286083968



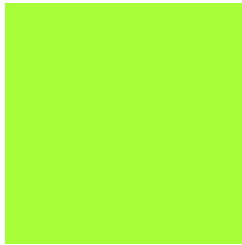
4283695295



4280025152

Previews

White Background



This preview shows how the Android color 4289265465 looks on a white background.

Color Contrast Check

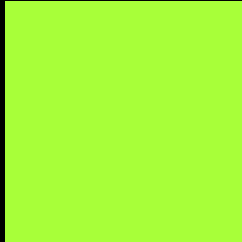
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4289265465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

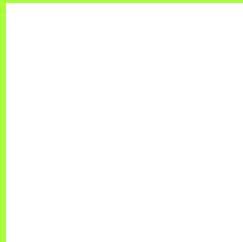
Any Text WCAG AAA ✓ Pass

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

Android 4289265465 Background



This preview shows how black text looks on a background with the Android color 4289265465.



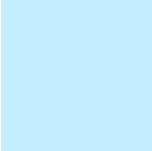
This preview shows how white text looks on a background with the Android color 4289265465.

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](#).

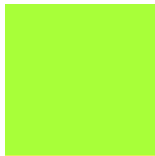
Dichromacy





Tritanopia
4291096063

Trichromacy



Original Color
4289265465



Protanomaly
4292866134



Deuteranomaly
4292865420

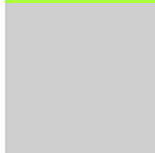


Tritanomaly
4290442423

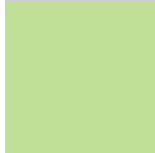
Monochromacy



Original Color
4289265465



Achromatopsia
4291743438



Achromatomaly
4290830488

CSS Examples

Text

The CSS property to change the color of the text to Android 4289265465 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(168, 255, 57)` looks like.

```
.text, #text, p{  
    color:rgb(168, 255, 57)  
}
```

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(168, 255, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 255, 57) }
```

Border

The CSS property to change the border of an element to Android 4289265465 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(168, 255, 57) }
```

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

```
.border{ border-color:rgb(168, 255, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 255, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 255, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 255, 57);  
box-shadow:4px 4px 4px 4px rgb(168, 255,  
57) }
```

Background

The CSS property to change the background color of an element to Android 4289265465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 255, 57) }
```

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

```
.background{ background-color: rgb(168,  
255, 57) }
```

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