Converting Colors

Android(4281139079)

Have a look what the booklet for Android(4281139079) contains.

Color

Android(4281139079)

Conversions

Conversions Part 1

Format	Color
Hex	2CFF87
RGB	44, 255, 135
RGB Percent	17%, 100%, 53%
CMY	0.8275, 0.0000, 0.4706
CMYK	0.83, 0.00, 0.47, 0.00
HSL	146°, 100%, 59%
HSV	146°, 83%, 100%
XYZ	41.1719, 73.8047, 34.9974
YIQ	178.2310, -87.2360, -82.0520

Conversions

Conversions Part 2

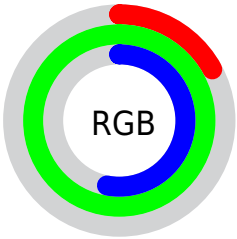
Format	Color
RYB	44, 191, 255
Decimal	2948999
CIELab	88.83, -73.54, 43.74
CIELCh	89, 85.561, 149.255
Yxy	73.8047, 0.2745, 0.4921
Android (android.graphics.Color)	4281139079 (0xFF2CFF87)
YUV	178.2310, -21.3129, -117.7206
Hunter-Lab	85.9097, -64.7965, 35.9835

Details

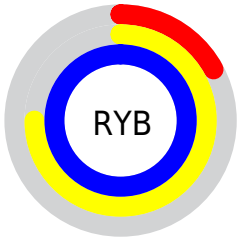
The Android color 4281139079 is a dark color, and the websafe version is hex 00FF99. The color can be described as middle washed spring green. A complement of this color would be 4294913188, and the grayscale version is 4289901234.

A 20% lighter version of the original color is 4286578622, and 4278240595 is the 20% darker color. If you saturate the color by 10%, you get 4279500664, and if you desaturate by 10%, it is 4282843030.

Distribution

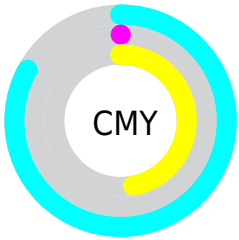


- Red (17%)
- Green (100%)
- Blue (53%)



- Red (17%)
- Yellow (75%)
- Blue (100%)

- Cyan (83%)
- Magenta (0%)
- Yellow (47%)
- Black (0%)



- Cyan (83%)
- Magenta (0%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281139079 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 4281139079 by changing the saturation by 10% instead.

4281139079

4294967295

4286578622

4288741338

4290904055

4293001215

4281139079

4278248045

4278240595

4278233145

4278226207

4278219264

4278212352

4278206208

4278199552

4278190080

4281139079

4279500664

4278255470

4281139079

4282843030

4284481444

4286185395

4287823809

4289527760

4291166174

4292870125

4294508539

4294967295

Harmonies

Analogous

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

4290375999

4281139079

4278255578

Triad

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

4281139079

4278249983

4294941332

Complementary

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

4281139079

4294913188

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.

4294938597

4281139079

4292528895

Square

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

4281139079

4278254847

4294944511

4294949711

Rectangle

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

4281139079

4278255615

4294944511

4294939566

Sweetspot

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

4281139079

4290772955

4289199916

4284055658

4278190080

4286611584

Same Dimension

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

4281139079

4278452079

4281139181

4285759608

4278239058

4278206491

Inverse Universe

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

4294913188

4294902674

4294913086

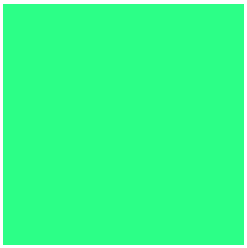
4286608250

4290707565

4282384420

Previews

White Background

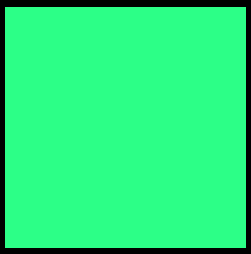


This preview shows how the Android color 4281139079 looks on a white background.

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 4281139079 looks on a black background.

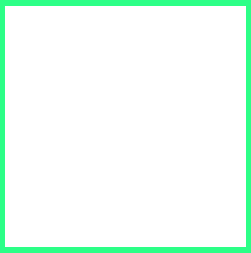
Color Contrast Check

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 4281139079 Background

This preview shows how black text looks on a background with the Android color 4281139079.



This preview shows how white text looks on a background with the Android color 4281139079.

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

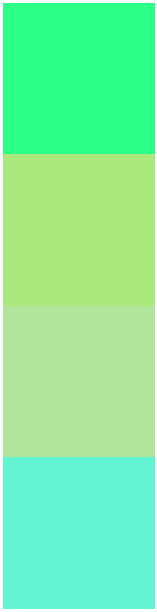
Original Color
4281139079

Protanopia
4294172027

Deuteranopia
4294956712

Tritanopia
4286770943

Trichromacy



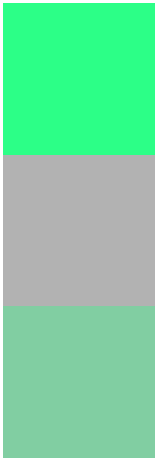
Original Color
4281139079

Protanomaly
4289456511

Deuteranomaly
4289914268

Tritanomaly
4284740819

Monochromacy



Original Color
4281139079

Achromatopsia
4289901234

Achromatomaly
4286697122

CSS Examples

Text

The CSS property to change the color of the text to Android 4281139079 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(44, 255, 135) looks like.

```
.text, #text, p{
    color:rgb(44, 255, 135)
}
```

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(44, 255, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 255, 135) }
```

Border

The CSS property to change the border of an element to Android 4281139079 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(44, 255, 135) }
```

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

```
.border{ border-color:rgb(44, 255, 135) }
```

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

Here you see how a box with a 4 pixel rgb(44, 255, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(44, 255, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(44, 255, 135); box-shadow:4px 4px 4px 4px rgb(44, 255, 135) }
```

Background

The CSS property to change the background color of an element to Android 4281139079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(44, 255, 135) }
```

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

```
.background{ background-color:rgb(44, 255,
135) }
```

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