

Converting Colors

Hex(2FF969)

Have a look what the booklet for
Hex(2FF969) contains.

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Color

Hex(2FF969)

Conversions

Conversions Part 1

Format	Color
Hex	2FF969
RGB	47, 249, 105
RGB Percent	18%, 98%, 41%
CMY	0.8157, 0.0235, 0.5882
CMYK	0.81, 0.00, 0.58, 0.02
HSL	137°, 94%, 58%
HSV	137°, 81%, 98%
XYZ	37.5978, 69.3756, 24.7738
YIQ	172.1860, -74.1680, -87.6080

Conversions

Conversions Part 2

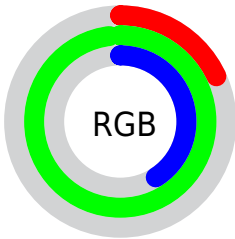
Format	Color
R_{YB}	47, 204, 249
Decimal	3144041
CIE _{Lab}	86.69, -75.59, 54.95
CIE _{LCh}	87, 93.454, 143.983
Yxy	69.3756, 0.2854, 0.5266
Android (android.graphics.Color)	4281334121 (0xFF2FF969)
YUV	172.1860, -33.1227, -109.7881
Hunter-Lab	83.2920, -65.1867, 40.6696

Details

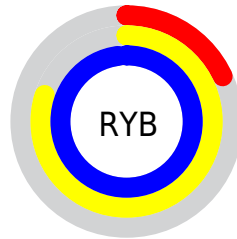
The Hex color **2FF969** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **F92FBF**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **80FFA0**, and **00BF32** is the 20% darker color. If you saturate the color by 10%, you get **16F957**, and if you desaturate by 10%, it is **48F97B**.

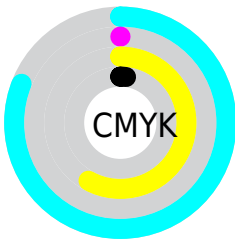
Distribution



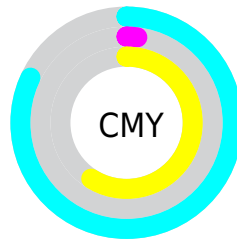
- Red (18%)
- Green (98%)
- Blue (41%)



- Red (18%)
- Yellow (80%)
- Blue (98%)



- Cyan (81%)
- Magenta (0%)
- Yellow (58%)
- Black (2%)



- Cyan (82%)
- Magenta (2%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FF969 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 Hex color 2FF969 by changing the saturation by 10% instead.

 2FF969

 2FF969

FFFFFF

 00DC4E

 80FFA0

 00BF32

 A1FFBC

 00A311

 C1FFD8

 008700

 E1FFF6

 006C00

 005200

 003A00

 001F00

 000000

 2FF969

 2FF969

 16F957

 48F97B

 00F947

 61F98D

 7AF99E

 93F9B0

 ABF9C2

 C4F9D4

 DDF9E5

 F6F9F7

 FFF9FF

Harmonies

Analogous

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



BEE900



2FF969



00FFC4

Triad

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



2FF969



00E9FF



FF8497

Complementary

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



2FF969



F92FBF

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.



FF7DEF



2FF969



B2C9FF

Square

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



2FF969



00FBFF



FF9FFF



FFAA46

Rectangle

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



2FF969



00FFFF



FF9FFF



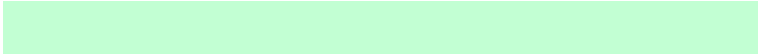
FF7DB3

Sweetspot

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



2FF969



C2FFD3



C0F92F



5B8065



000000



808080

Same Dimension

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



2FF969



08FF4F



2FF9CD



707D74



00BD36



003D12

Inverse Universe

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



F92FBF



FF08B8



F92F5B



7D7079



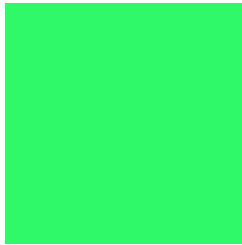
BD0087



3D002C

Previews

White Background



This preview shows how the Hex color 2FF969 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 Hex color 2FF969 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](#).

Hex 2FF969 Background



This preview shows how black text looks on a background with the Hex color 2FF969.

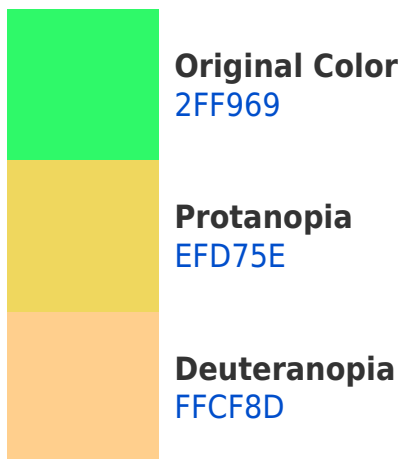


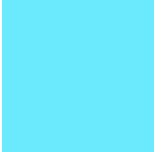
This preview shows how white text looks on a background with the Hex color 2FF969.

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](#).

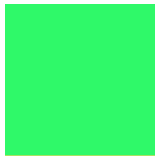
Dichromacy





Tritanopia
6BEAFD

Trichromacy



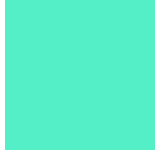
Original Color
2FF969



Protanomaly
A9E362



Deuteranomaly
B3DE80

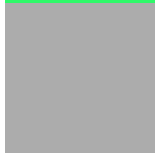


Tritanomaly
55EFC7

Monochromacy



Original Color
2FF969



Achromatopsia
ACACAC



Achromatomaly
7FC894

CSS Examples

Text

The CSS property to change the color of the text to Hex 2FF969 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 #2FF969 looks like.

```
.text, #text, p{  
    color:#2FF969  
}
```

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 #2FF969 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FF969
}
```

Border

The CSS property to change the border of an element to Hex 2FF969 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
#2FF969 }
```

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

```
.border{ border-color:#2FF969 }
```

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

Here you see how a box with a 4 pixel #2FF969 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FF969; -webkit-box-shadow:4px 4px  
4px 4px #2FF969; box-shadow:4px 4px 4px  
4px #2FF969 }
```

Background

The CSS property to change the background color of an element to Hex 2FF969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FF969 }
```

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

```
.background{ background-color:#2FF969 }
```

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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