

Converting Colors

Hex(9CFF2C)

Have a look what the booklet for
Hex(9CFF2C) contains.

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Color

Hex(9CFF2C)

Conversions

Conversions Part 1

Format	Color
Hex	9CFF2C
RGB	156, 255, 44
RGB Percent	61%, 100%, 17%
CMY	0.3882, 0.0000, 0.8275
CMYK	0.39, 0.00, 0.83, 0.00
HSL	88°, 100%, 59%
HSV	88°, 83%, 100%
XYZ	49.9249, 78.7698, 14.9556
YIQ	201.3450, 8.7270, -86.6090

Conversions

Conversions Part 2

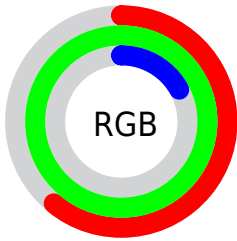
Format	Color
RYB	44, 255, 143
Decimal	10288940
CIELab	91.13, -58.34, 81.52
CIElCh	91, 100.242, 125.592
Yxy	78.7698, 0.3475, 0.5483
Android (android.graphics.Color)	4288479020 (0xFF9CFF2C)
YUV	201.3450, -77.5711, -39.7676
Hunter-Lab	88.7523, -54.9068, 52.1357

Details

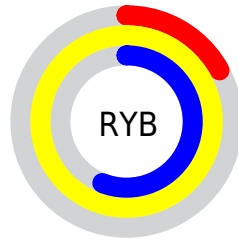
The Hex color **9CFF2C** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **8F2CFF**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **D9FF6E**, and **5EC600** is the 20% darker color. If you saturate the color by 10%, you get **90FF13**, and if you desaturate by 10%, it is **A8FF46**.

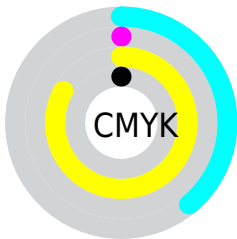
Distribution



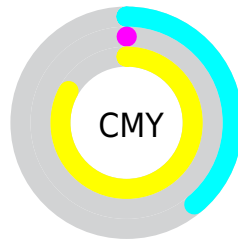
- Red (61%)
- Green (100%)
- Blue (17%)



- Red (17%)
- Yellow (100%)
- Blue (56%)



- Cyan (39%)
- Magenta (0%)
- Yellow (83%)
- Black (0%)



- Cyan (39%)
- Magenta (0%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CFF2C 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 9CFF2C by changing the saturation by 10% instead.

 9CFF2C

 9CFF2C

FFFFFF

 7EE200

 D9FF6E

 5EC600

 F7FF8C

 3DAA00

 FFFFA9

 0C8F00

 FFFFC7

 007400

 FFFF E5

 005B00

 004200

 002B00

 000800

 9CFF2C

 9CFF2C

 90FF13

 A8FF46

 87FF00

 B4FF5F

 C0FF79

 CCFF92

 D8FFAC

 E4FFC5

 F0FFDF

 FCFFF8

FFFFFF

Harmonies

Analogous

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



FFE700



9CFF2C



00FF91

Triad

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



9CFF2C



00FFFF



FF7DD8

Complementary

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



9CFF2C



8F2CFF

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.



FF94FF



9CFF2C



00ECFF

Square

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



9CFF2C



00FFFF



FCC3FF



FF977B

Rectangle

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



9CFF2C



00FFD4



FCC3FF



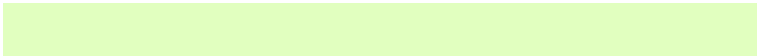
FF7FF8

Sweetspot

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



9CFF2C



E1FFBF



FF8E2C



6E8059



000000



808080

Same Dimension

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



9CFF2C



89FF03



33FF2C



7A8073



66BF00



224000

Inverse Universe

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



8F2CFF



7903FF



F82CFF



797380



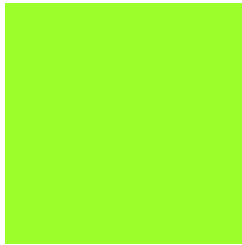
5A00BF



1E0040

Previews

White Background



This preview shows how the Hex color 9CFF2C looks on a white background.

Color Contrast Check

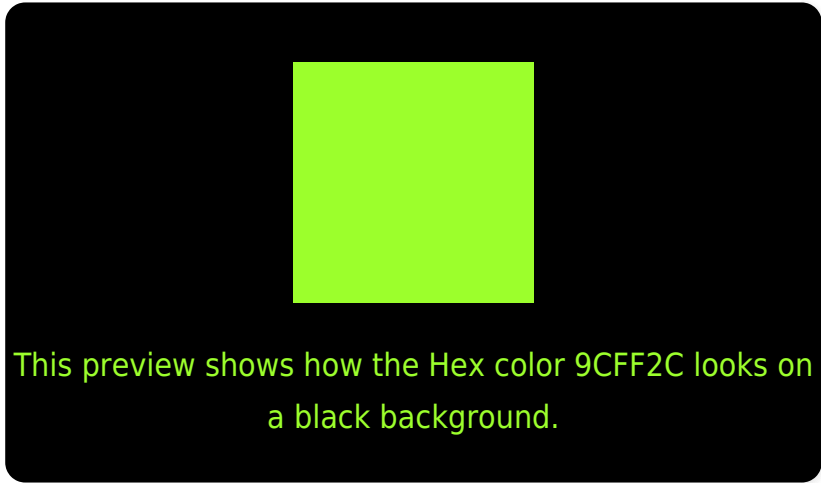
Large Text (above 18pt) WCAG AA × Fail

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

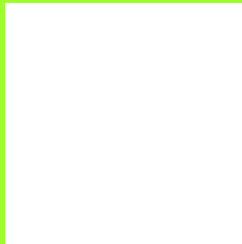
Any Text WCAG AAA ✓ Pass

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

Hex 9CFF2C Background



This preview shows how black text looks on a background with the Hex color 9CFF2C.

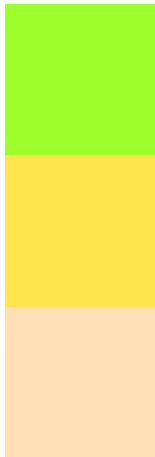


This preview shows how white text looks on a background with the Hex color 9CFF2C.

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](#).

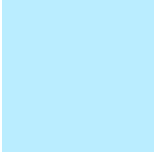
Dichromacy



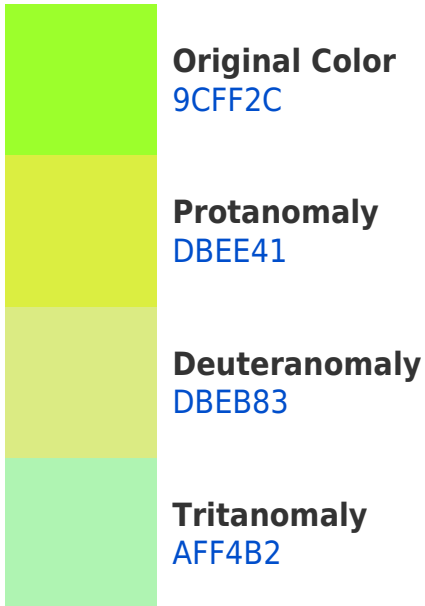
Original Color
9CFF2C

Protanopia
FFE54D

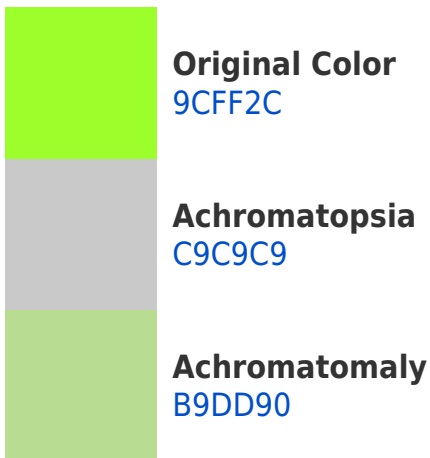
Deuteranopia
FFDFB5



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CFF2C 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 #9CFF2C looks like.

```
.text, #text, p{  
    color:#9CFF2C  
}
```

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 #9CFF2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CFF2C
}
```

Border

The CSS property to change the border of an element to Hex 9CFF2C 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
#9CFF2C }
```

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

```
.border{ border-color:#9CFF2C }
```

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

Here you see how a box with a 4 pixel #9CFF2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CFF2C; -webkit-box-shadow:4px 4px  
4px 4px #9CFF2C; box-shadow:4px 4px 4px  
4px #9CFF2C }
```

Background

The CSS property to change the background color of an element to Hex 9CFF2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CFF2C }
```

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

```
.background{ background-color:#9CFF2C }
```

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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