

Converting Colors

Hex(9CEF2E)

Have a look what the booklet for
Hex(9CEF2E) contains.

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Color

Hex(9CEF2E)

Conversions

Conversions Part 1

Format	Color
Hex	9CEF2E
RGB	156, 239, 46
RGB Percent	61%, 94%, 18%
CMY	0.3882, 0.0627, 0.8196
CMYK	0.35, 0.00, 0.81, 0.06
HSL	86°, 86%, 56%
HSV	86°, 81%, 94%
XYZ	45.0699, 68.9982, 13.5273
YIQ	192.1810, 12.4850, -77.6190

Conversions

Conversions Part 2

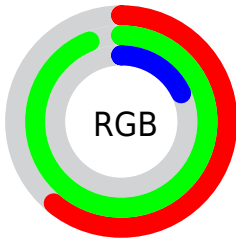
Format	Color
R_{YB}	46, 239, 129
Decimal	10284846
CIE _{Lab}	86.50, -51.92, 76.93
CIE _{LCh}	87, 92.816, 124.016
Yxy	68.9982, 0.3532, 0.5408
Android (android.graphics.Color)	4288474926 (0xFF9CEF2E)
YUV	192.1810, -72.0672, -31.7307
Hunter-Lab	83.0651, -48.5125, 48.4901

Details

The Hex color **9CEF2E** 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 **812EEF**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **D8FF6D**, and **60B600** is the 20% darker color. If you saturate the color by 10%, you get **92EF16**, and if you desaturate by 10%, it is **A6EF46**.

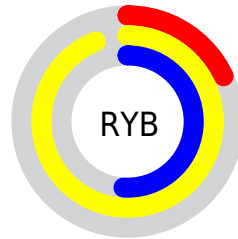
Distribution



Red (61%)

Green (94%)

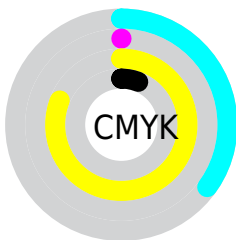
Blue (18%)



Red (18%)

Yellow (94%)

Blue (51%)

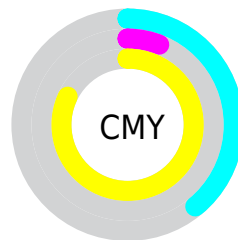


Cyan (35%)

Magenta (0%)

Yellow (81%)

Black (6%)



Cyan (39%)

Magenta (6%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CEF2E 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 9CEF2E by changing the saturation by 10% instead.

 9CEF2E

 9CEF2E

FFFFFF

 7ED200

 D8FF6D

 60B600

 F6FF8A

 419B00

 FFFFA7

 1C8100

 FFFFC5

 006700

 FFFFE2

 004E00

 003600

 001F00

 000000

 9CEF2E

 9CEF2E

 92EF16

 A6EF46

 88EF00

 B1EF5E

 BBEF76

 C5EF8E

 CFEFA6

 DAEFBD

 E4EFD5

 EEEFD

 F9EFFF

Harmonies

Analogous

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



F7D800



9CEF2E



00FC87

Triad

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



9CEF2E



00F6FF



FF7BD0

Complementary

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



9CEF2E



812EEF

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.



FF91FF



9CEF2E



00DFFF

Square

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



9CEF2E



00FFFF



E7BBFF



FF8F7B

Rectangle

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



9CEF2E



00FFC3



E7BBFF



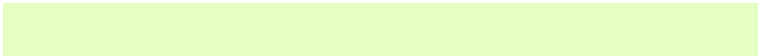
FF7EEE

Sweetspot

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



9CEF2E



E5FFC2



EF7E2E



70805B



000000



808080

Same Dimension

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



9CEF2E



95FF08



3EEF2E



73786C



69B800



203800

Inverse Universe

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



812EEF



7208FF



DF2EEF



716C78



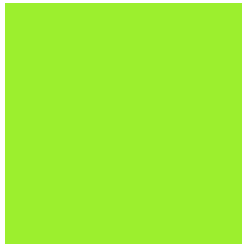
4F00B8



180038

Previews

White Background



This preview shows how the Hex color 9CEF2E looks on a white background.

Color Contrast Check

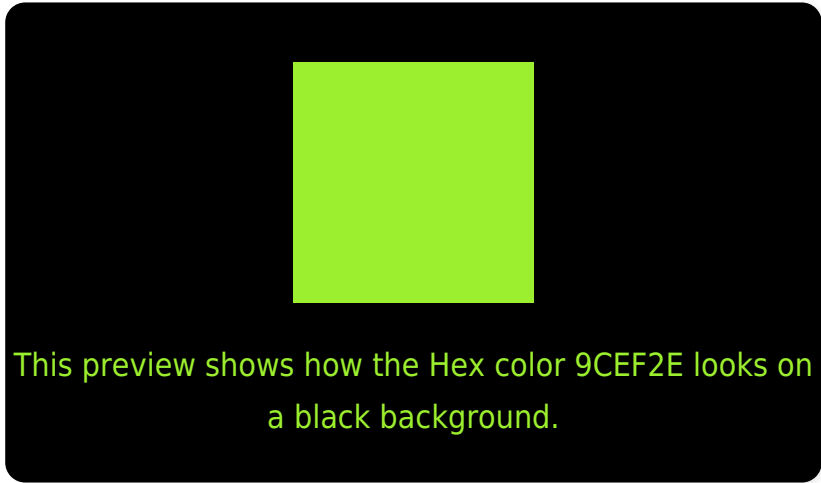
Large Text (above 18pt) WCAG AA × Fail

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 9CEF2E Background



This preview shows how black text looks on a background with the Hex color 9CEF2E.

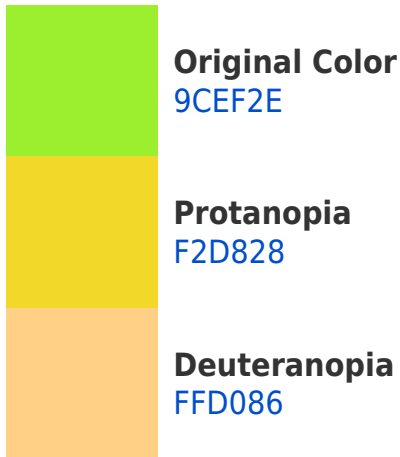


This preview shows how white text looks on a background with the Hex color 9CEF2E.

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](#).

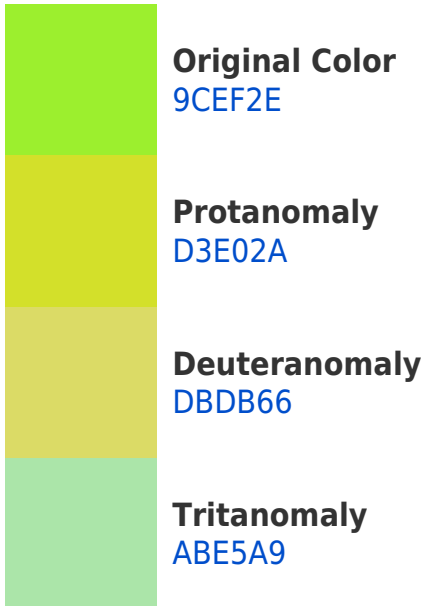
Dichromacy



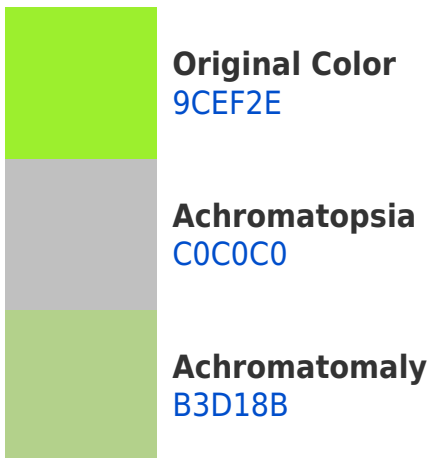


Tritanopia
B4DFF0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CEF2E 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 #9CEF2E looks like.

```
.text, #text, p{  
    color:#9CEF2E  
}
```

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 #9CEF2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CEF2E
}
```

Border

The CSS property to change the border of an element to Hex 9CEF2E 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
#9CEF2E }
```

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

```
.border{ border-color:#9CEF2E }
```

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

Here you see how a box with a 4 pixel #9CEF2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CEF2E; -webkit-box-shadow:4px 4px  
4px 4px #9CEF2E; box-shadow:4px 4px 4px  
4px #9CEF2E }
```

Background

The CSS property to change the background color of an element to Hex 9CEF2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CEF2E }
```

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

```
.background{ background-color:#9CEF2E }
```

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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