

Converting Colors

Hex(9AEF2F)

Have a look what the booklet for
Hex(9AEF2F) contains.

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Color

Hex(9AEF2F)

Conversions

Conversions Part 1

Format	Color
Hex	9AEF2F
RGB	154, 239, 47
RGB Percent	60%, 94%, 18%
CMY	0.3961, 0.0627, 0.8157
CMYK	0.36, 0.00, 0.80, 0.06
HSL	87°, 86%, 56%
HSV	87°, 80%, 94%
XYZ	44.7060, 68.8083, 13.6144
YIQ	191.6970, 10.9720, -77.7320

Conversions

Conversions Part 2

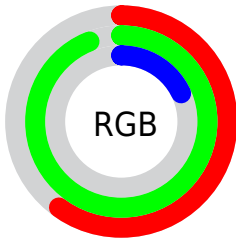
Format	Color
RYB	47, 239, 132
Decimal	10153775
CIELab	86.41, -52.57, 76.56
CIELCh	86, 92.869, 124.477
Yxy	68.8083, 0.3517, 0.5412
Android (android.graphics.Color)	4288343855 (0xFF9AEF2F)
YUV	191.6970, -71.3356, -33.0603
Hunter-Lab	82.9507, -48.9619, 48.3345

Details

The Hex color **9AEF2F** 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 **842FEF**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **D6FF6E**, and **5EB600** is the 20% darker color. If you saturate the color by 10%, you get **8FEF17**, and if you desaturate by 10%, it is **A5EF47**.

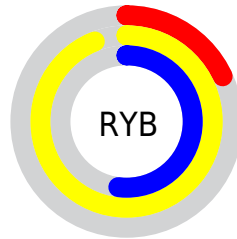
Distribution



Red (60%)

Green (94%)

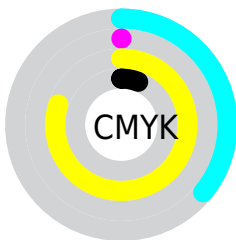
Blue (18%)



Red (18%)

Yellow (94%)

Blue (52%)

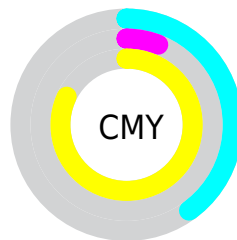


Cyan (36%)

Magenta (0%)

Yellow (80%)

Black (6%)



Cyan (40%)

Magenta (6%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AEF2F 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 9AEF2F by changing the saturation by 10% instead.

 9AEF2F

FFFFFF

 D6FF6E

 F4FF8B

 FFFFA8

 FFFFC5

 FFFF E3

 9AEF2F

 7CD200

 5EB600

 3F9B00

 188000

 006700

 004E00

 003600

 001E00

 000000

 9AEF2F

 9AEF2F

 8FEF17

 A5EF47

 85EF00

 AFEF5F

 BAEF77

 C4EF8F

 CFEFA6

 D9EFBE

 E4EFD6

 EFEFEE

 F9EFFF

Harmonies

Analogous

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



F6D900



9AEF2F



00FB88

Triad

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



9AEF2F



00F5FF



FF7ACF

Complementary

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



9AEF2F



842FEF

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.



FF90FF



9AEF2F



00DFFF

Square

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



9AEF2F



00FFFF



E9BBFF



FF9079

Rectangle

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



9AEF2F



00FFC5



E9BBFF



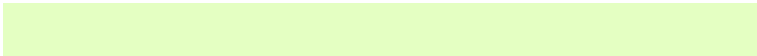
FF7DEC

Sweetspot

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



9AEF2F



E4FFC2



EF822F



6F805B



000000



808080

Same Dimension

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



9AEF2F



93FF0A



3CEF2F



73786C



66B800



1F3800

Inverse Universe

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



842FEF



770AFF



E22FEF



716C78



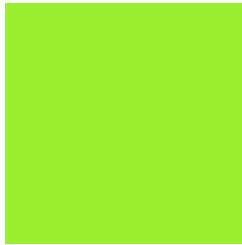
5100B8



190038

Previews

White Background



This preview shows how the Hex color 9AEF2F looks on a white background.

Color Contrast Check

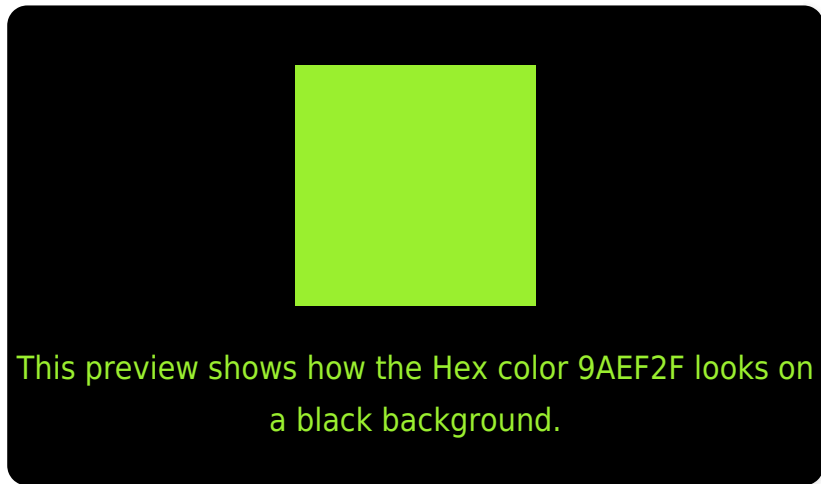
Large Text (above 18pt) WCAG AA × Fail

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 9AEF2F Background



This preview shows how black text looks on a background with the Hex color 9AEF2F.

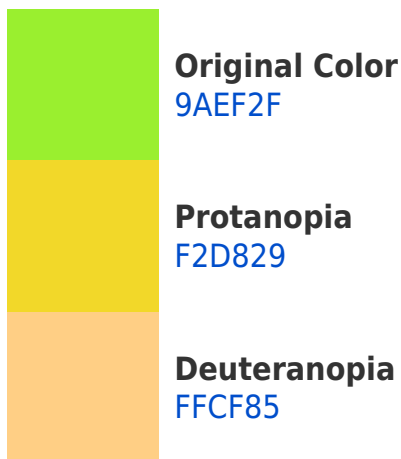


This preview shows how white text looks on a background with the Hex color 9AEF2F.

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
B2DFF0

Trichromacy



Original Color
9AEF2F



Protanomaly
D2E02B



Deuteranomaly
DADB66

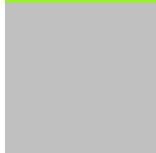


Tritanomaly
A9E5AA

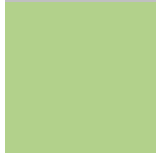
Monochromacy



Original Color
9AEF2F



Achromatopsia
C0C0C0



Achromatomaly
B2D18B

CSS Examples

Text

The CSS property to change the color of the text to Hex 9AEF2F 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 #9AEF2F looks like.

```
.text, #text, p{  
    color:#9AEF2F  
}
```

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 #9AEF2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AEF2F
}
```

Border

The CSS property to change the border of an element to Hex 9AEF2F 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
#9AEF2F }
```

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

```
.border{ border-color:#9AEF2F }
```

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

Here you see how a box with a 4 pixel #9AEF2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AEF2F; -webkit-box-shadow:4px 4px  
4px 4px #9AEF2F; box-shadow:4px 4px 4px  
4px #9AEF2F }
```

Background

The CSS property to change the background color of an element to Hex 9AEF2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AEF2F }
```

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

```
.background{ background-color:#9AEF2F }
```

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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