

Converting Colors

Hex(9EFD38)

Have a look what the booklet for
Hex(9EFD38) contains.

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Color

Hex(9EFD38)

Conversions

Conversions Part 1

Format	Color
Hex	9EFD38
RGB	158, 253, 56
RGB Percent	62%, 99%, 22%
CMY	0.3804, 0.0078, 0.7804
CMYK	0.38, 0.00, 0.78, 0.01
HSL	89°, 98%, 61%
HSV	89°, 78%, 99%
XYZ	49.9396, 77.8052, 16.1272
YIQ	202.1370, 6.6170, -81.4070

Conversions

Conversions Part 2

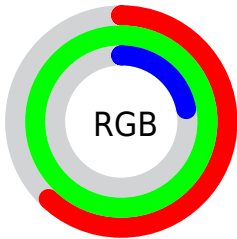
Format	Color
RYB	56, 253, 151
Decimal	10419512
CIELab	90.69, -56.41, 78.13
CIELCh	91, 96.367, 125.829
Yxy	77.8052, 0.3471, 0.5408
Android (android.graphics.Color)	4288609592 (0xFF9EFD38)
YUV	202.1370, -72.0455, -38.7081
Hunter-Lab	88.2072, -53.3027, 50.9049

Details

The Hex color **9EFD38** is a light color, and the websafe version is hex **99FF33**, and the color name is **french lime**. The color can be described as light washed chartreuse. A complement of this color would be **9738FD**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **DAFF76**, and **61C400** is the 20% darker color. If you saturate the color by 10%, you get **92FD1F**, and if you desaturate by 10%, it is **AAFD51**.

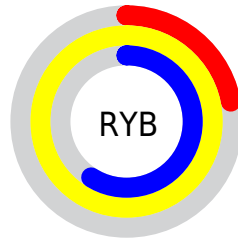
Distribution



Red (62%)

Green (99%)

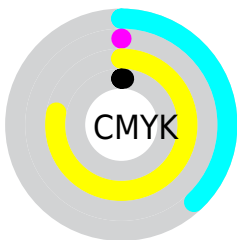
Blue (22%)



Red (22%)

Yellow (99%)

Blue (59%)

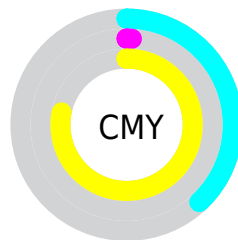


Cyan (38%)

Magenta (0%)

Yellow (78%)

Black (1%)



Cyan (38%)

Magenta (1%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EFD38 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 9EFD38 by changing the saturation by 10% instead.

 9EFD38

 9EFD38

FFFFFF

 80E005

 DAFF76

 61C400

 F9FF93

 41A800

 FFFF80

 178D00

 FFFF60

 007300

 FFFF30

 005900

 004000

 002A00

 000500

 9EFD38

 9EFD38

 92FD1F

 AAFD51

 86FD05

 B6FD6B

 83FD00

 C3FD84

 CFFD9D

 DBFDB7

 E7FDD0

 F3FDE9

 FFFDFF

Harmonies

Analogous

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



FFE600



9EFD38



00FF94

Triad

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



9EFD38



00FFFF



FF82D6

Complementary

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



9EFD38



9738FD

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.



FF97FF



9EFD38



00EAFF

Square

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



9EFD38



00FFFF



FCC3FF



FF9A7D

Rectangle

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



9EFD38



00FFD4



FCC3FF



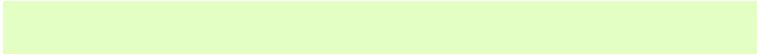
FF84F5

Sweetspot

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



9EFD38



E3FFC4



FD9438



6E805C



000000



808080

Same Dimension

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



9EFD38



8DFF12



3FFD38



798073



63BF00



214000

Inverse Universe

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



9738FD



8412FF



F638FD



797380



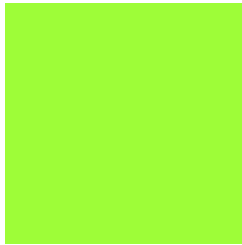
5C00BF



1F0040

Previews

White Background



This preview shows how the Hex color 9EFD38 looks on a white background.

Color Contrast Check

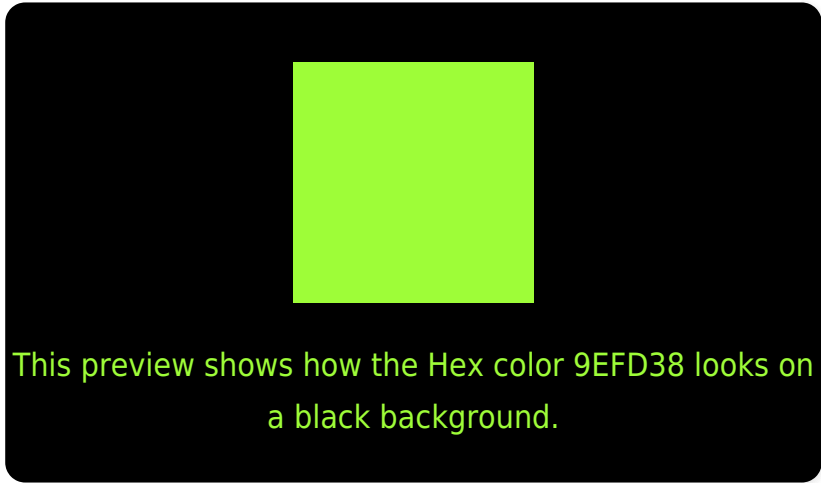
Large Text (above 18pt) WCAG AA × Fail

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

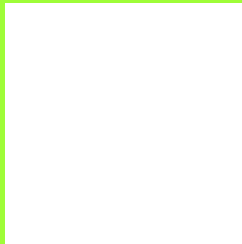
Any Text WCAG AAA ✓ Pass

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

Hex 9EFD38 Background



This preview shows how black text looks on a background with the Hex color 9EFD38.

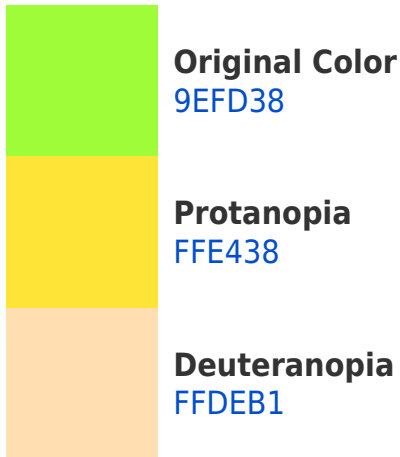


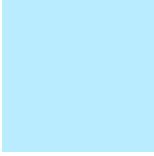
This preview shows how white text looks on a background with the Hex color 9EFD38.

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



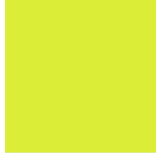


Tritanopia
B9ECFF

Trichromacy



Original Color
9EFD38



Protanomaly
DCED38



Deuteranomaly
DCE985

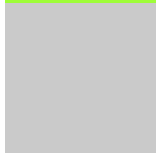


Tritanomaly
AFF2B7

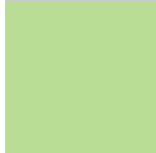
Monochromacy



Original Color
9EFD38



Achromatopsia
CACACA



Achromatomaly
BADD95

CSS Examples

Text

The CSS property to change the color of the text to Hex 9EFD38 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 #9EFD38 looks like.

```
.text, #text, p{  
    color:#9EFD38  
}
```

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 #9EFD38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EFD38
}
```

Border

The CSS property to change the border of an element to Hex 9EFD38 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
#9EFD38 }
```

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

```
.border{ border-color:#9EFD38 }
```

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

Here you see how a box with a 4 pixel #9EFD38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EFD38; -webkit-box-shadow:4px 4px  
4px 4px #9EFD38; box-shadow:4px 4px 4px  
4px #9EFD38 }
```

Background

The CSS property to change the background color of an element to Hex 9EFD38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EFD38 }
```

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

```
.background{ background-color:#9EFD38 }
```

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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