

Converting Colors

Hex(9CF03E)

Have a look what the booklet for
Hex(9CF03E) contains.

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Color

Hex(9CF03E)

Conversions

Conversions Part 1

Format	Color
Hex	9CF03E
RGB	156, 240, 62
RGB Percent	61%, 94%, 24%
CMY	0.3882, 0.0588, 0.7569
CMYK	0.35, 0.00, 0.74, 0.06
HSL	88°, 86%, 59%
HSV	88°, 74%, 94%
XYZ	45.7399, 69.7359, 15.6071
YIQ	194.5920, 7.0740, -73.1660

Conversions

Conversions Part 2

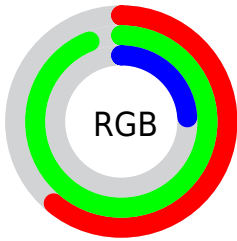
Format	Color
R _{YB}	62, 240, 146
Decimal	10285118
CIE Lab	86.87, -51.57, 72.69
CIE LCh	87, 89.124, 125.355
Yxy	69.7359, 0.3489, 0.5320
Android (android.graphics.Color)	4288475198 (0xFF9CF03E)
YUV	194.5920, -65.3679, -33.8452
Hunter-Lab	83.5080, -48.3691, 47.3747

Details

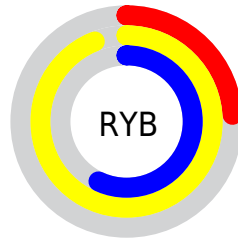
The Hex color **9CF03E** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **923EF0**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **D7FF79**, and **61B700** is the 20% darker color. If you saturate the color by 10%, you get **91F026**, and if you desaturate by 10%, it is **A7F056**.

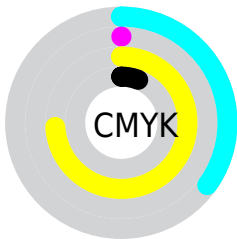
Distribution



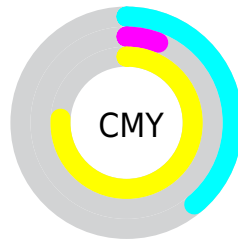
- Red (61%)
- Green (94%)
- Blue (24%)



- Red (24%)
- Yellow (94%)
- Blue (57%)



- Cyan (35%)
- Magenta (0%)
- Yellow (74%)
- Black (6%)



- Cyan (39%)
- Magenta (6%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CF03E 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 9CF03E by changing the saturation by 10% instead.

 9CF03E

 9CF03E

FFFFFF

 7FD318

 D7FF79

 61B700

 F6FF96

 429C00

 FFFFB3

 1E8100

 FFFF00

 006800

 FFFFED

 004F00

 003700

 002000

 000000

 9CF03E

 9CF03E

 91F026

 A7F056

 85F00E

 B3F06E

 7FF000

 BEF086

 C9F09E

 D5F0B6

 E0F0CE

 EBF0E6

 F7F0FE

 FFF0FF

Harmonies

Analogous

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



F5DB00



9CF03E



00FC8F

Triad

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



9CF03E



00F5FF



FF83CE

Complementary

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



9CF03E



923EF0

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.



FF95FF



9CF03E



00DFFF

Square

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



9CF03E



00FFFF



EEBCFF



FF967C

Rectangle

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



9CF03E



00FFC9



EEBCFF



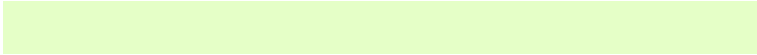
FF85EA

Sweetspot

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



9CF03E



E5FFC7



F0913E



70805E



000000



808080

Same Dimension

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



9CF03E



94FF1C



44F03E



72786C



61B800



1E3800

Inverse Universe

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



923EF0



871CFF



EA3EF0



726C78



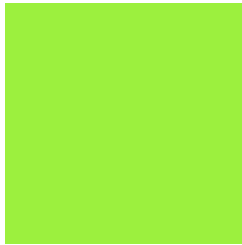
5700B8



1A0038

Previews

White Background



This preview shows how the Hex color 9CF03E looks on a white background.

Color Contrast Check

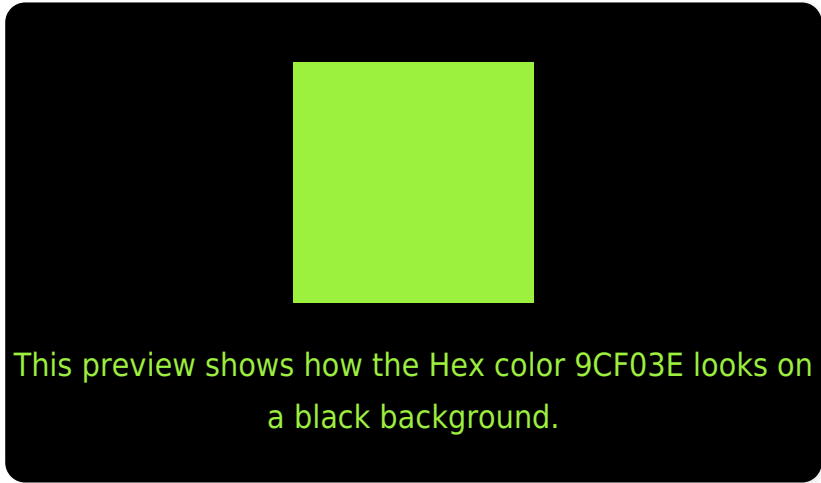
Large Text (above 18pt) WCAG AA × Fail

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 9CF03E Background



This preview shows how black text looks on a background with the Hex color 9CF03E.

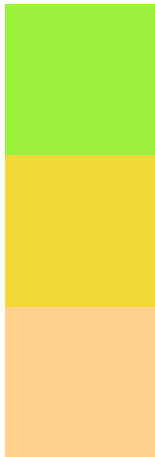


This preview shows how white text looks on a background with the Hex color 9CF03E.

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
9CF03E

Protanopia
F3D938

Deuteranopia
FFD18B

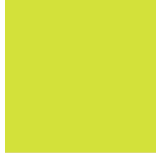


Tritanopia
B4E0F2

Trichromacy



Original Color
9CF03E



Protanomaly
D3E13A



Deuteranomaly
DBDC6F

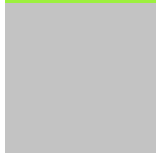


Tritanomaly
ABE6B1

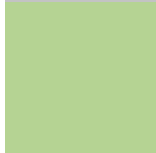
Monochromacy



Original Color
9CF03E



Achromatopsia
C3C3C3



Achromatomaly
B5D393

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CF03E 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 #9CF03E looks like.

```
.text, #text, p{  
    color:#9CF03E  
}
```

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 #9CF03E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CF03E
}
```

Border

The CSS property to change the border of an element to Hex 9CF03E 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
#9CF03E }
```

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

```
.border{ border-color:#9CF03E }
```

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

Here you see how a box with a 4 pixel #9CF03E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CF03E; -webkit-box-shadow:4px 4px  
4px 4px #9CF03E; box-shadow:4px 4px 4px  
4px #9CF03E }
```

Background

The CSS property to change the background color of an element to Hex 9CF03E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CF03E }
```

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

```
.background{ background-color:#9CF03E }
```

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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