

Converting Colors

Hex(7EF33F)

Have a look what the booklet for
Hex(7EF33F) contains.

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Color

Hex(7EF33F)

Conversions

Conversions Part 1

Format	Color
Hex	7EF33F
RGB	126, 243, 63
RGB Percent	49%, 95%, 25%
CMY	0.5059, 0.0471, 0.7529
CMYK	0.48, 0.00, 0.74, 0.05
HSL	99°, 88%, 60%
HSV	99°, 74%, 95%
XYZ	41.5520, 68.8957, 15.8108
YIQ	187.4970, -11.9520, -80.7840

Conversions

Conversions Part 2

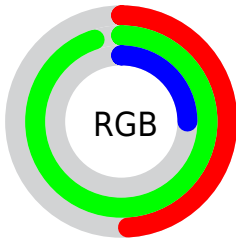
Format	Color
RYB	63, 243, 180
Decimal	8319807
CIELab	86.45, -62.13, 71.52
CIElCh	86, 94.735, 130.979
Yxy	68.8957, 0.3291, 0.5457
Android (android.graphics.Color)	4286509887 (0xFF7EF33F)
YUV	187.4970, -61.3770, -53.9329
Hunter-Lab	83.0034, -55.8979, 46.8086

Details

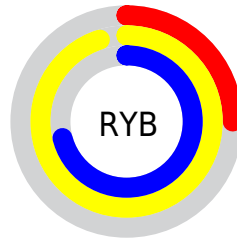
The Hex color **7EF33F** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **B43FF3**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **BBFF7A**, and **3CBA00** is the 20% darker color. If you saturate the color by 10%, you get **6EF327**, and if you desaturate by 10%, it is **8EF357**.

Distribution



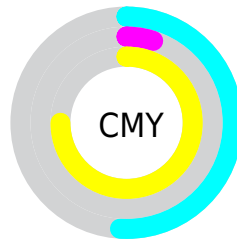
- Red (49%)
- Green (95%)
- Blue (25%)



- Red (25%)
- Yellow (95%)
- Blue (71%)



- Cyan (48%)
- Magenta (0%)
- Yellow (74%)
- Black (5%)



- Cyan (51%)
- Magenta (5%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EF33F 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 7EF33F by changing the saturation by 10% instead.

 7EF33F

 7EF33F

FFFFFF

 5FD61A

 BBFF7A

 3CBA00

 D9FF96

 039E00

 F8FFB3

 008300

 FFFFD0

 006900

 FFFFEE

 004F00

 003800

 001F00

 000000

 7EF33F

 7EF33F

 6EF327

 8EF357

 5EF30E

 9EF370

 55F300

 ADF388

 BDF3A0

 CDF3B8

 DDF3D1

 EDF3E9

 FCF3FF

 FFF3FF

Harmonies

Analogous

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



E4DF00



7EF33F



00FE9A

Triad

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



7EF33F



00F2FF



FF78BB

Complementary

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



7EF33F



B43FF3

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.



FF86FF



7EF33F



0BD8FF

Square

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



7EF33F



00FFFF



FFB1FF



FF9666

Rectangle

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



7EF33F



00FFD9



FFB1FF



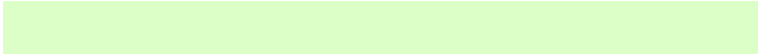
FF77D9

Sweetspot

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



7EF33F



DBFFC7



F3B43F



6A805E



000000



808080

Same Dimension

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



7EF33F



6BFF1C



3FF35A



727A6E



41BA00



153B00

Inverse Universe

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



B43FF3



B01CFF



F33FD8



766E7A



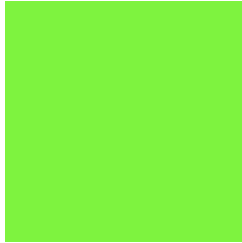
7900BA



26003B

Previews

White Background



This preview shows how the Hex color 7EF33F looks on a white background.

Color Contrast Check

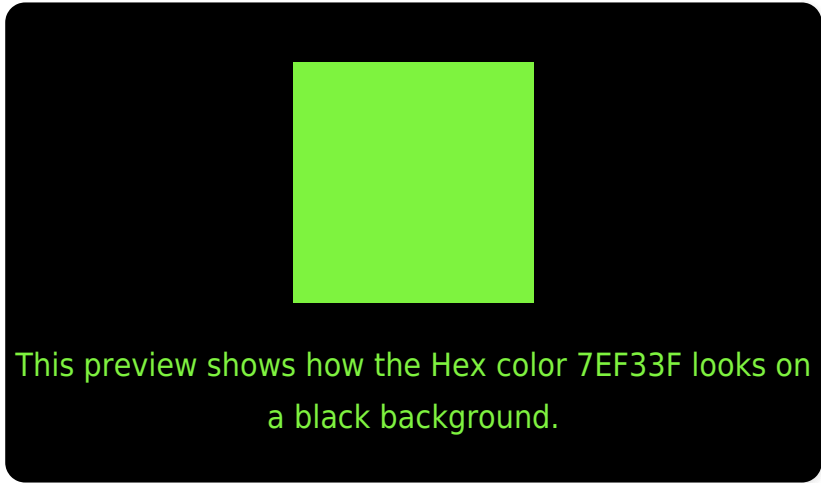
Large Text (above 18pt) WCAG AA × Fail

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

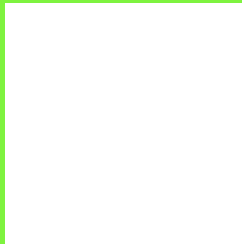
Any Text WCAG AAA ✓ Pass

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

Hex 7EF33F Background



This preview shows how black text looks on a background with the Hex color 7EF33F.

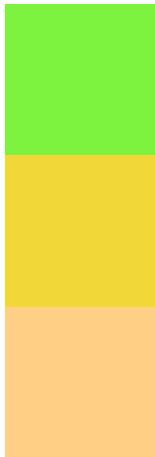


This preview shows how white text looks on a background with the Hex color 7EF33F.

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](#).

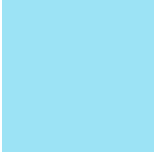
Dichromacy



Original Color
7EF33F

Protanopia
F1D738

Deuteranopia
FFCF85



Tritanopia
9CE3F5

Trichromacy



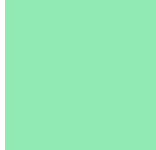
Original Color
7EF33F



Protanomaly
C7E13B



Deuteranomaly
D0DC6C

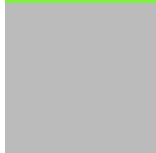


Tritanomaly
91E9B3

Monochromacy



Original Color
7EF33F



Achromatopsia
BBBBBB



Achromatomaly
A5CF8E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7EF33F 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 #7EF33F looks like.

```
.text, #text, p{  
    color:#7EF33F  
}
```

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 #7EF33F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EF33F
}
```

Border

The CSS property to change the border of an element to Hex 7EF33F 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
#7EF33F }
```

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

```
.border{ border-color:#7EF33F }
```

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

Here you see how a box with a 4 pixel #7EF33F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EF33F; -webkit-box-shadow:4px 4px  
4px 4px #7EF33F; box-shadow:4px 4px 4px  
4px #7EF33F }
```

Background

The CSS property to change the background color of an element to Hex 7EF33F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EF33F }
```

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

```
.background{ background-color:#7EF33F }
```

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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