

Converting Colors

Hex(7EF63C)

Have a look what the booklet for
Hex(7EF63C) contains.

Hex(7EF63C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7EF63C)

Conversions

Conversions Part 1

Format	Color
Hex	7EF63C
RGB	126, 246, 60
RGB Percent	49%, 96%, 24%
CMY	0.5059, 0.0353, 0.7647
CMYK	0.49, 0.00, 0.76, 0.04
HSL	99°, 91%, 60%
HSV	99°, 76%, 96%
XYZ	42.3756, 70.6734, 15.6829
YIQ	188.9160, -11.8140, -83.2860

Conversions

Conversions Part 2

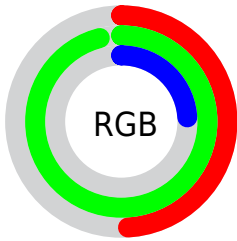
Format	Color
RYB	60, 246, 180
Decimal	8320572
CIELab	87.33, -63.40, 73.31
CIELCh	87, 96.923, 130.854
Yxy	70.6734, 0.3292, 0.5490
Android (android.graphics.Color)	4286510652 (0xFF7EF63C)
YUV	188.9160, -63.5556, -55.1773
Hunter-Lab	84.0675, -57.1423, 47.7866

Details

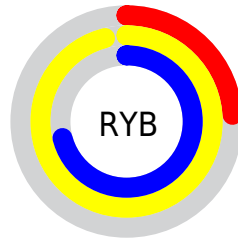
The Hex color **7EF63C** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **B43CF6**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **BBFF78**, and **3BBD00** is the 20% darker color. If you saturate the color by 10%, you get **6EF623**, and if you desaturate by 10%, it is **8EF655**.

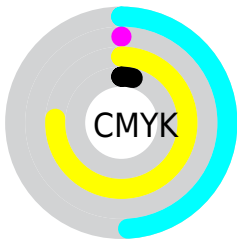
Distribution



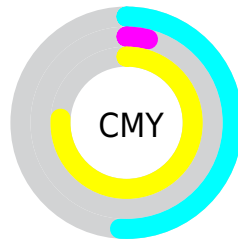
- Red (49%)
- Green (96%)
- Blue (24%)



- Red (24%)
- Yellow (96%)
- Blue (71%)



- Cyan (49%)
- Magenta (0%)
- Yellow (76%)
- Black (4%)



- Cyan (51%)
- Magenta (4%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EF63C 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 7EF63C by changing the saturation by 10% instead.

 7EF63C

 7EF63C

FFFFFF

 5ED914

 BBFF78

 3BBD00

 DAFF95

 00A100

 F8FFB2

 008600

 FFFFCF

 006B00

 FFFFEC

 005200

 003A00

 002100

 000000

 7EF63C

 7EF63C

 6EF623

 8EF655

 5EF60B

 9EF66D

 57F600

 AEF686

 BDF69E

 CDF6B7

 DDF6D0

 EDF6E8

 FDF6FF

 FFF6FF

Harmonies

Analogous

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



E6E100



7EF63C



00FF9B

Triad

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



7EF63C



00F5FF



FF77BD

Complementary

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



7EF63C



B43CF6

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



7EF63C



00DBFF

Square

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



7EF63C



00FFFF



FFB2FF



FF9666

Rectangle

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



7EF63C



00FFDB



FFB2FF



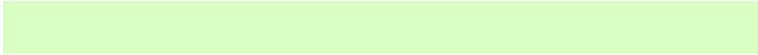
FF76DC

Sweetspot

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



7EF63C



D9FFC4



F6B23C



68805C



000000



808080

Same Dimension

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



7EF63C



69FF17



3CF655



737A6E



42BA00



153B00

Inverse Universe

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



B43CF6



AD17FF



F63CDD



766E7A



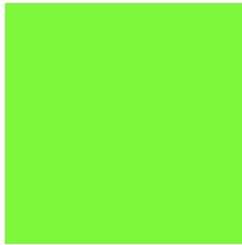
7800BA



26003B

Previews

White Background



This preview shows how the Hex color 7EF63C 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



This preview shows how the Hex color 7EF63C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

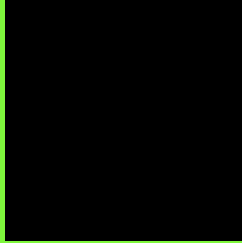
Any Text WCAG AA ✓ Pass

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 7EF63C Background



This preview shows how black text looks on a background with the Hex color 7EF63C.

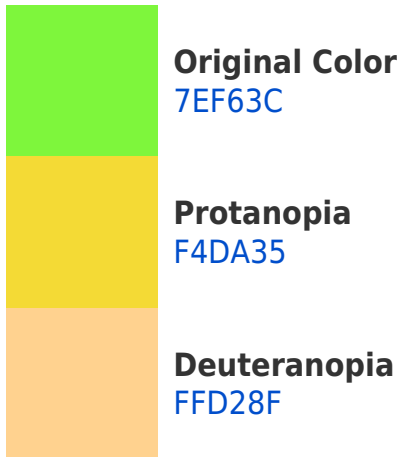


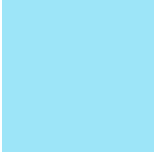
This preview shows how white text looks on a background with the Hex color 7EF63C.

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](#).

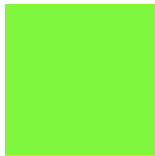
Dichromacy





Tritanopia
9DE5F8

Trichromacy



Original Color
7EF63C



Protanomaly
C9E438



Deuteranomaly
D0DF71



Tritanomaly
92EBB4

Monochromacy



Original Color
7EF63C



Achromatopsia
BDBDBD



Achromatomaly
A6D28E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7EF63C 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 #7EF63C looks like.

```
.text, #text, p{  
    color:#7EF63C  
}
```

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 #7EF63C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EF63C
}
```

Border

The CSS property to change the border of an element to Hex 7EF63C 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
#7EF63C }
```

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

```
.border{ border-color:#7EF63C }
```

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

Here you see how a box with a 4 pixel #7EF63C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EF63C; -webkit-box-shadow:4px 4px  
4px 4px #7EF63C; box-shadow:4px 4px 4px  
4px #7EF63C }
```

Background

The CSS property to change the background color of an element to Hex 7EF63C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EF63C }
```

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

```
.background{ background-color:#7EF63C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor