

Converting Colors

Hex(7EF44E)

Have a look what the booklet for
Hex(7EF44E) contains.

Hex(7EF44E)	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(7EF44E)

Conversions

Conversions Part 1

Format	Color
Hex	7EF44E
RGB	126, 244, 78
RGB Percent	49%, 96%, 31%
CMY	0.5059, 0.0431, 0.6941
CMYK	0.48, 0.00, 0.68, 0.04
HSL	103°, 88%, 63%
HSV	103°, 68%, 96%
XYZ	42.3300, 69.6870, 18.4277
YIQ	189.7940, -17.0420, -76.6420

Conversions

Conversions Part 2

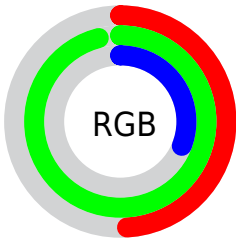
Format	Color
RYB	78, 244, 196
Decimal	8320078
CIELab	86.84, -61.46, 66.69
CIELCh	87, 90.687, 132.662
Yxy	69.6870, 0.3245, 0.5342
Android (android.graphics.Color)	4286510158 (0xFF7EF44E)
YUV	189.7940, -55.1144, -55.9473
Hunter-Lab	83.4788, -55.5749, 45.3471

Details

The Hex color **7EF44E** is a dark color, and the websafe version is hex **99FF66**. The color can be described as middle washed chartreuse. A complement of this color would be **C44EF4**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **BAFF87**, and **3DBB00** is the 20% darker color. If you saturate the color by 10%, you get **6DF436**, and if you desaturate by 10%, it is **8FF466**.

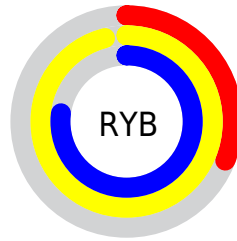
Distribution



Red (49%)

Green (96%)

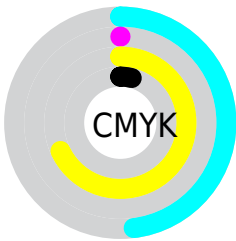
Blue (31%)



Red (31%)

Yellow (96%)

Blue (77%)

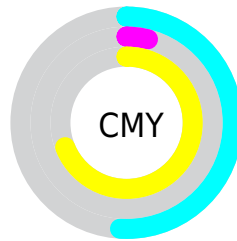


Cyan (48%)

Magenta (0%)

Yellow (68%)

Black (4%)



Cyan (51%)

Magenta (4%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EF44E 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 7EF44E by changing the saturation by 10% instead.

 7EF44E

 7EF44E


FFFFFF

 5FD730

 BAFF87

 3DBB00

 D9FFA3

 079F00

 F7FFC0

 008400

 FFFFDD

 006A00

 FFFFFA

 005000

 003800

 002000

 000000

 7EF44E

 7EF44E

 6DF436

 8FF466

 5BF41D

 A1F47F

 4AF405

 B2F497

 47F400

 C3F4B0

 D5F4C8

 E6F4E0

 F7F4F9

 FFF4FF

Harmonies

Analogous

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



E1E100



7EF44E



00FEA3

Triad

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



7EF44E



00F1FF



FF82B9

Complementary

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



7EF44E



C44EF4

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.



FF8BFF



7EF44E



5AD7FF

Square

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



7EF44E



00FEFF



FFB1FF



FF9D68

Rectangle

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



7EF44E



00FFDF



FFB1FF



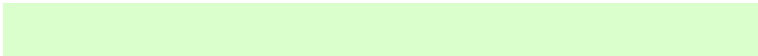
FF80D5

Sweetspot

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



7EF44E



DBFFCC



F4C24E



6A8061



000000



808080

Same Dimension

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



7EF44E



6AFF2E



4EF46F



727A6E



36BA00



113B00

Inverse Universe

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



C44EF4



C32EFF



F44ED3



776E7A



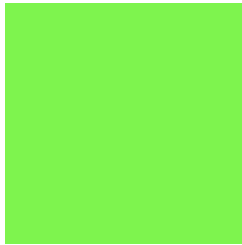
8400BA



2A003B

Previews

White Background



This preview shows how the Hex color 7EF44E looks on a white background.

Color Contrast Check

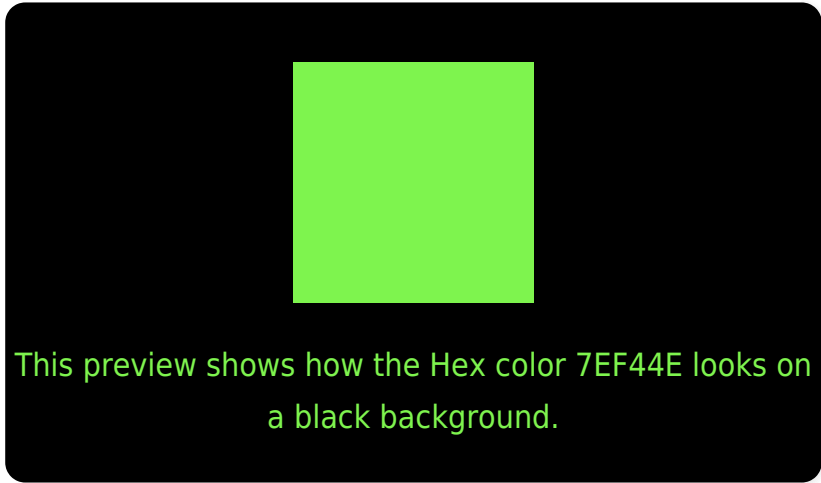
Large Text (above 18pt) WCAG AA × Fail

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

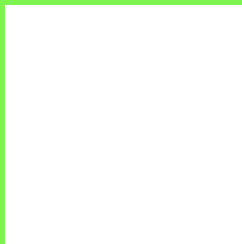
Any Text WCAG AAA ✓ Pass

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

Hex 7EF44E Background



This preview shows how black text looks on a background with the Hex color 7EF44E.

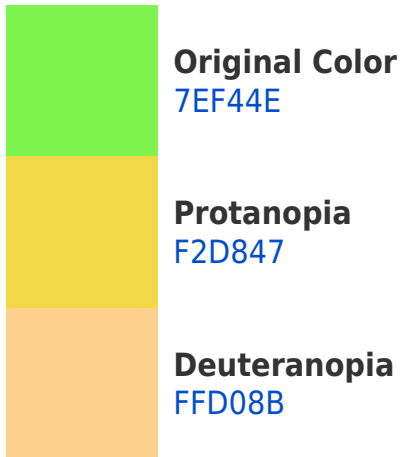


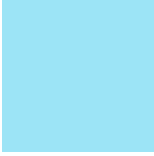
This preview shows how white text looks on a background with the Hex color 7EF44E.

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
9CE4F6

Trichromacy



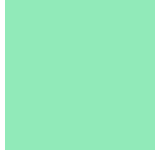
Original Color
7EF44E



Protanomaly
C8E24A



Deuteranomaly
D0DD75

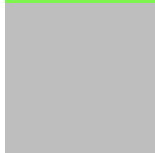


Tritanomaly
91EAB9

Monochromacy



Original Color
7EF44E



Achromatopsia
BEBEBE



Achromatomaly
A7D295

CSS Examples

Text

The CSS property to change the color of the text to Hex 7EF44E 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 #7EF44E looks like.

```
.text, #text, p{  
    color:#7EF44E  
}
```

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 #7EF44E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EF44E
}
```

Border

The CSS property to change the border of an element to Hex 7EF44E 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
#7EF44E }
```

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

```
.border{ border-color:#7EF44E }
```

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

Here you see how a box with a 4 pixel #7EF44E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EF44E; -webkit-box-shadow:4px 4px  
4px 4px #7EF44E; box-shadow:4px 4px 4px  
4px #7EF44E }
```

Background

The CSS property to change the background color of an element to Hex 7EF44E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EF44E }
```

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

```
.background{ background-color:#7EF44E }
```

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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