

Converting Colors

Hex(7EFF12)

Have a look what the booklet for
Hex(7EFF12) contains.

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Color

Hex(7EFF12)

Conversions

Conversions Part 1

Format	Color
Hex	7EFF12
RGB	126, 255, 18
RGB Percent	49%, 100%, 7%
CMY	0.5059, 0.0000, 0.9294
CMYK	0.51, 0.00, 0.93, 0.00
HSL	93°, 100%, 54%
HSV	93°, 93%, 100%
XYZ	44.4734, 75.9993, 12.8976
YIQ	189.4110, -0.8070, -101.0550

Conversions

Conversions Part 2

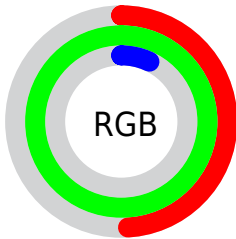
Format	Color
RYB	18, 255, 147
Decimal	8322834
CIELab	89.86, -68.12, 84.29
CIELCh	90, 108.375, 128.942
Yxy	75.9993, 0.3335, 0.5698
Android (android.graphics.Color)	4286512914 (0xFF7EFF12)
YUV	189.4110, -84.5056, -55.6114
Hunter-Lab	87.1776, -61.4995, 52.2526

Details

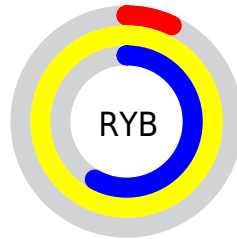
The Hex color **7EFF12** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark washed chartreuse. A complement of this color would be **9312FF**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **BDFF62**, and **37C500** is the 20% darker color. If you saturate the color by 10%, you get **74FF00**, and if you desaturate by 10%, it is **8CFF2C**.

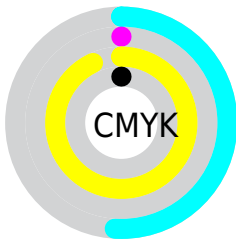
Distribution



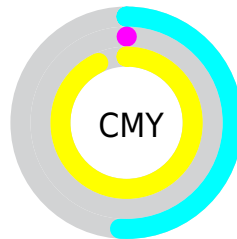
- Red (49%)
- Green (100%)
- Blue (7%)



- Red (7%)
- Yellow (100%)
- Blue (58%)



- Cyan (51%)
- Magenta (0%)
- Yellow (93%)
- Black (0%)



- Cyan (51%)
- Magenta (0%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EFF12 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 7EFF12 by changing the saturation by 10% instead.

 7EFF12

 7EFF12

FFFFFF

 5DE200

 BDFF62

 37C500

 DCFF80

 00A900

 FBFF9E

 008E00

 FFFFBC

 007300

 FFFFDA

 005900

 FFFFF8

 004000

 002800

 000000

 7EFF12

 7EFF12

 74FF00

 8CFF2C

 9AFF45

 A8FF5F

 B6FF78

 C3FF92

 D1FFAB

 DFFFC5

 EDFFD E

 FBFFF8

Harmonies

Analogous

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



F3E700



7EFF12



00FF93

Triad

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



7EFF12



00FFFF



FF66C8

Complementary

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



7EFF12



9312FF

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.



FF7FFF



7EFF12



00E5FF

Square

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



7EFF12



00FFFF



FFB6FF



FF8E64

Rectangle

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



7EFF12



00FFDB



FFB6FF



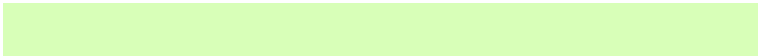
FF67EA

Sweetspot

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



7EFF12



D8FFB8



FF9012



688054



000000



808080

Same Dimension

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



7EFF12



74FF00



12FF1A



798073



57BF00



1D4000

Inverse Universe

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



9312FF



8B00FF



FF12F7



7A7380



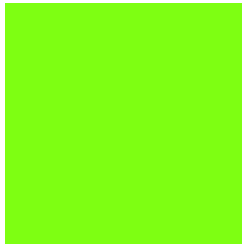
6800BF



230040

Previews

White Background



This preview shows how the Hex color 7EFF12 looks on a white background.

Color Contrast Check

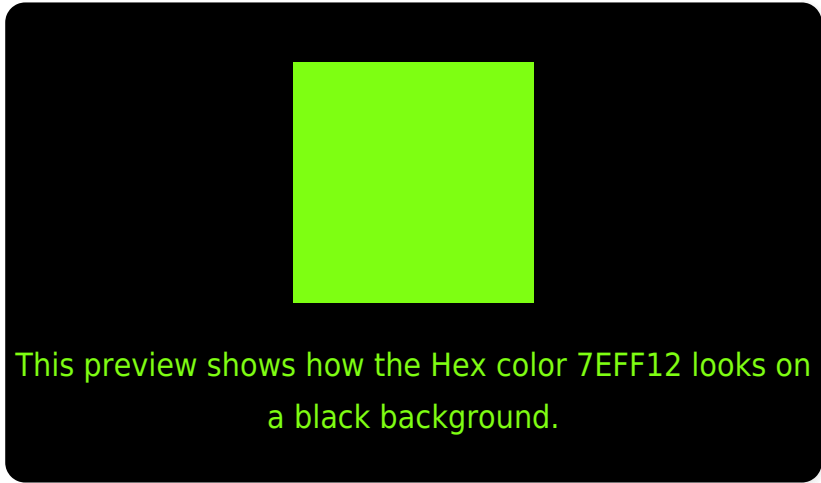
Large Text (above 18pt) WCAG AA × Fail

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

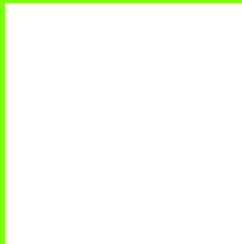
Any Text WCAG AAA ✓ Pass

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

Hex 7EFF12 Background



This preview shows how black text looks on a background with the Hex color 7EFF12.



This preview shows how white text looks on a background with the Hex color 7EFF12.

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](#).

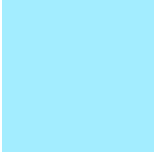
Dichromacy



Original Color
7EFF12

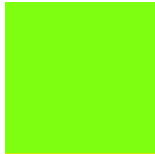
Protanopia
FDE100

Deuteranopia
FFDBA7



Tritanopia
A3EDFF

Trichromacy



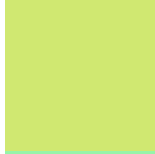
Original Color

7EFF12



Protanomaly

C FEC07



Deuteranomaly

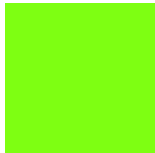
D0E871



Tritanomaly

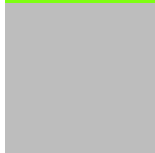
96F4A9

Monochromacy



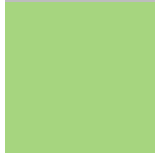
Original Color

7EFF12



Achromatopsia

BDBDBD



Achromatomaly

A6D57F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7EFF12 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 #7EFF12 looks like.

```
.text, #text, p{  
    color:#7EFF12  
}
```

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 #7EFF12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EFF12
}
```

Border

The CSS property to change the border of an element to Hex 7EFF12 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
#7EFF12 }
```

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

```
.border{ border-color:#7EFF12 }
```

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

Here you see how a box with a 4 pixel #7EFF12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EFF12; -webkit-box-shadow:4px 4px  
4px 4px #7EFF12; box-shadow:4px 4px 4px  
4px #7EFF12 }
```

Background

The CSS property to change the background color of an element to Hex 7EFF12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EFF12 }
```

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

```
.background{ background-color:#7EFF12 }
```

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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