

Converting Colors

Hex(7FFE4C)

Have a look what the booklet for
Hex(7FFE4C) contains.

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Color

Hex(7FFE4C)

Conversions

Conversions Part 1

Format	Color
Hex	7FFE4C
RGB	127, 254, 76
RGB Percent	50%, 100%, 30%
CMY	0.5020, 0.0039, 0.7020
CMYK	0.50, 0.00, 0.70, 0.00
HSL	103°, 99%, 65%
HSV	103°, 70%, 100%
XYZ	45.4987, 75.9175, 19.0930
YIQ	195.7350, -18.5540, -82.2820

Conversions

Conversions Part 2

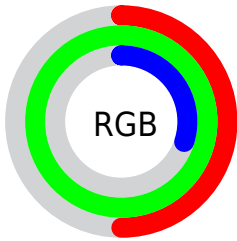
Format	Color
RYB	76, 254, 203
Decimal	8388172
CIELab	89.82, -64.99, 70.51
CIELCh	90, 95.891, 132.670
Yxy	75.9175, 0.3238, 0.5403
Android (android.graphics.Color)	4286578252 (0xFF7FFE4C)
YUV	195.7350, -59.0294, -60.2806
Hunter-Lab	87.1306, -59.2677, 47.9992

Details

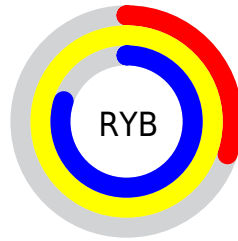
The Hex color **7FFE4C** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **CB4CFE**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **BCFF86**, and **3CC400** is the 20% darker color. If you saturate the color by 10%, you get **6DFE33**, and if you desaturate by 10%, it is **91FE65**.

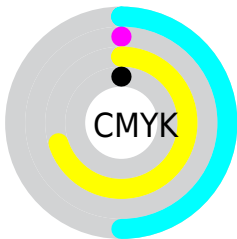
Distribution



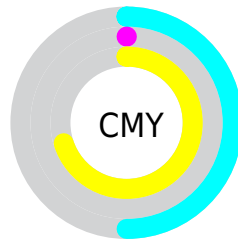
- Red (50%)
- Green (100%)
- Blue (30%)



- Red (30%)
- Yellow (100%)
- Blue (80%)



- Cyan (50%)
- Magenta (0%)
- Yellow (70%)
- Black (0%)



- Cyan (50%)
- Magenta (0%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FFE4C 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 7FFE4C by changing the saturation by 10% instead.

 7FFE4C

FFFFFF

 BCFF86

 DBFFA2

 FAFFBF

 FFFFDC

 FFFFFA

 7FFE4C


 5FE12C

 3CC400

 00A800

 008D00

 007200

 005800

 003F00

 002700

 000000

 7FFE4C

 7FFE4C

 6DFE33

 91FE65

 5BFE19

 A3FE7F

 49FE00

 B5FE98

 C7FEB2

 DAFE CB

 ECFEE4

 FEFEFE

 FFFEFF

Harmonies

Analogous

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



E9EA00



7FFE4C



00FFA8

Triad

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



7FFE4C



00BFF



FF82BF

Complementary

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



7FFE4C



CB4CFE

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.



FF8DFF



7FFE4C



51E0FF

Square

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



7FFE4C



00FFFF



FFB7FF



FFA169

Rectangle

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



7FFE4C



00FFE8



FFB7FF



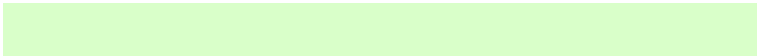
FF80DE

Sweetspot

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



7FFE4C



D9FFC9



FEC94C



698060



000000



808080

Same Dimension

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



7FFE4C



66FF29



4CFE70



768073



37BF00



124000

Inverse Universe

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



CB4CFE



C229FF



FE4CDA



7C7380



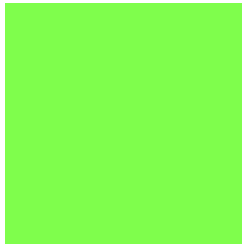
8800BF



2D0040

Previews

White Background



This preview shows how the Hex color 7FFE4C looks on a white background.

Color Contrast Check

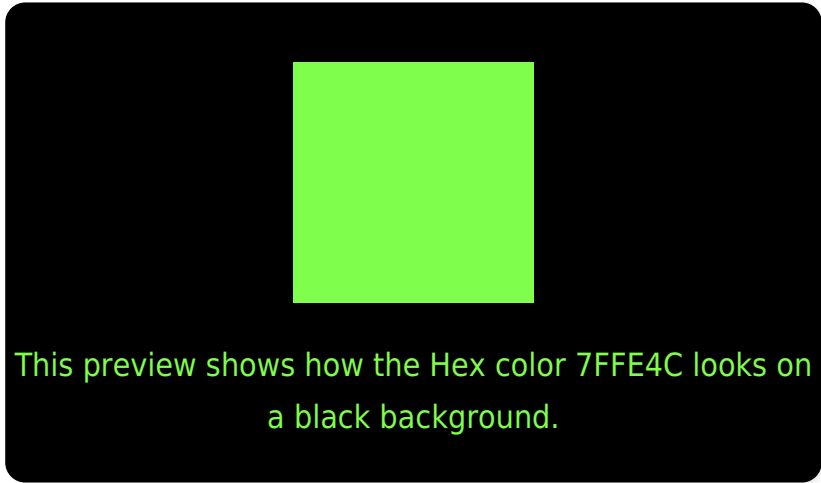
Large Text (above 18pt) WCAG AA × Fail

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

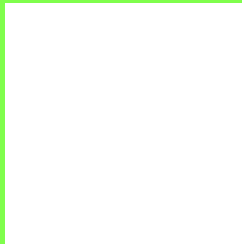
Any Text WCAG AAA ✓ Pass

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

Hex 7FFE4C Background



This preview shows how black text looks on a background with the Hex color 7FFE4C.

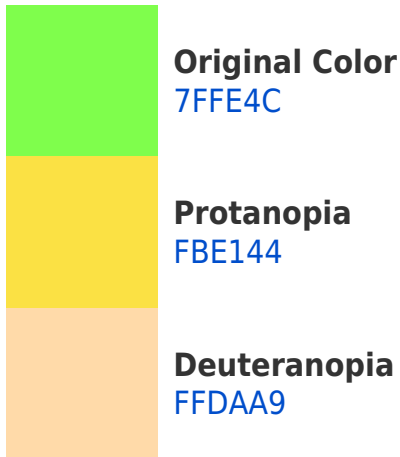


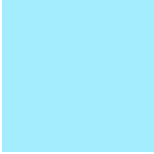
This preview shows how white text looks on a background with the Hex color 7FFE4C.

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](#).

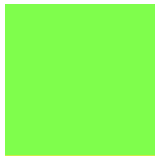
Dichromacy



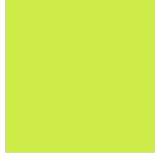


Tritanopia
A3EDFF

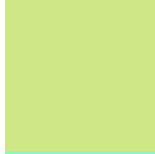
Trichromacy



Original Color
7FFE4C



Protanomaly
CEEC47

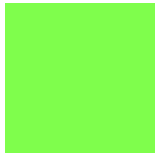


Deuteranomaly
D0E787

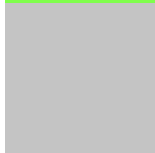


Tritanomaly
96F3BE

Monochromacy



Original Color
7FFE4C



Achromatopsia
C4C4C4



Achromatomaly
ABD998

CSS Examples

Text

The CSS property to change the color of the text to Hex 7FFE4C 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 #7FFE4C looks like.

```
.text, #text, p{  
    color:#7FFE4C  
}
```

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 #7FFE4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FFE4C
}
```

Border

The CSS property to change the border of an element to Hex 7FFE4C 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
#7FFE4C }
```

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

```
.border{ border-color:#7FFE4C }
```

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

Here you see how a box with a 4 pixel #7FFE4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FFE4C; -webkit-box-shadow:4px 4px  
4px 4px #7FFE4C; box-shadow:4px 4px 4px  
4px #7FFE4C }
```

Background

The CSS property to change the background color of an element to Hex 7FFE4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FFE4C }
```

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

```
.background{ background-color:#7FFE4C }
```

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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