

# Converting Colors

Hex(7EFF6C)

Have a look what the booklet for  
Hex(7EFF6C) contains.

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**Color**

**Hex(7EFF6C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EFF6C
RGB	126, 255, 108
RGB Percent	49%, 100%, 42%
CMY	0.5059, 0.0000, 0.5765
CMYK	0.51, 0.00, 0.58, 0.00
HSL	113°, 100%, 71%
HSV	113°, 58%, 100%
XYZ	47.0710, 77.0383, 26.5763
YIQ	199.6710, -29.6970, -73.0650

# Conversions

## Conversions Part 2

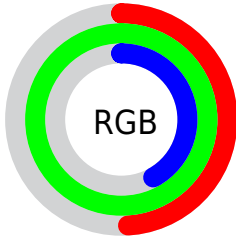
Format	Color
<a href="#">RYB</a>	<a href="#">108, 255, 237</a>
Decimal	<a href="#">8322924</a>
CIELab	<a href="#">90.34, -62.77, 58.35</a>
CIELCh	<a href="#">90, 85.706, 137.089</a>
Yxy	<a href="#">77.0383, 0.3124, 0.5113</a>
Android (android.graphics.Color)	<a href="#">4286513004 (0xFF7EFF6C)</a>
YUV	<a href="#">199.6710, -45.1938, -64.6095</a>
Hunter-Lab	<a href="#">87.7715, -57.8723, 43.4876</a>

# Details

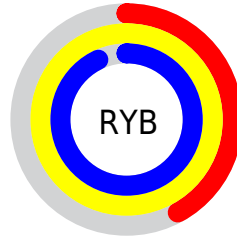
The Hex color **7EFF6C** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **ED6CFF**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **BBFFA3**, and **3CC535** is the 20% darker color. If you saturate the color by 10%, you get **68FF53**, and if you desaturate by 10%, it is **94FF86**.

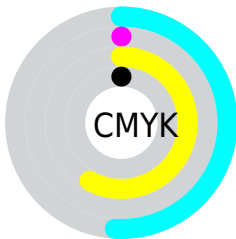
# Distribution



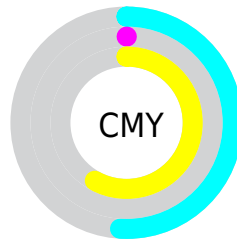
- Red (49%)
- Green (100%)
- Blue (42%)



- Red (42%)
- Yellow (100%)
- Blue (93%)



- Cyan (51%)
- Magenta (0%)
- Yellow (58%)
- Black (0%)



- Cyan (51%)
- Magenta (0%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7EFF6C 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 7EFF6C by changing the saturation by 10% instead.



 7EFF6C

 7EFF6C

FFFFFF

 5FE251

 BBFFA3

 3CC535

 D9FFBF

 01A913

 F7FFDC

 008E00

 FFFFFA

 007300

 005900

 004000

 002900

 000200

 7EFF6C

 7EFF6C

 68FF53

 94FF86

 51FF39

 ABFF9F

 3BFF20

 C1FFB9

 24FF06

 D8FFD2

 1FFF00

 EEFFEC

FFFFFF

# Harmonies

## Analogous

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



E0EE2E



7EFF6C



00FFBC

# Triad

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



7EFF6C



00F7FF



FF96B8

# Complementary

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



7EFF6C



ED6CFF

# 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.



FF99FF



7EFF6C



9DDCFF

# Square

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



7EFF6C



00FFFF



FFB8FF



FFB16D

# Rectangle

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



7EFF6C



00FFF5



FFB8FF



FF93D3

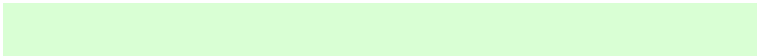


# Sweetspot

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



7EFF6C



D9FFD4



FFEB6C



698066



000000



808080



# Same Dimension

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



7EFF6C



65FF4F



6CFFA2



748073



17BF00



084000



# Inverse Universe

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



ED6CFF



E94FFF



FF6CC9



7E7380



A800BF

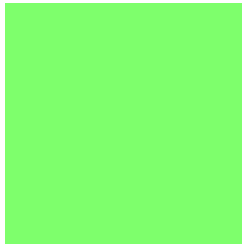


380040



# Previews

## White Background



This preview shows how the Hex color 7EFF6C looks on a white background.

## Color Contrast Check

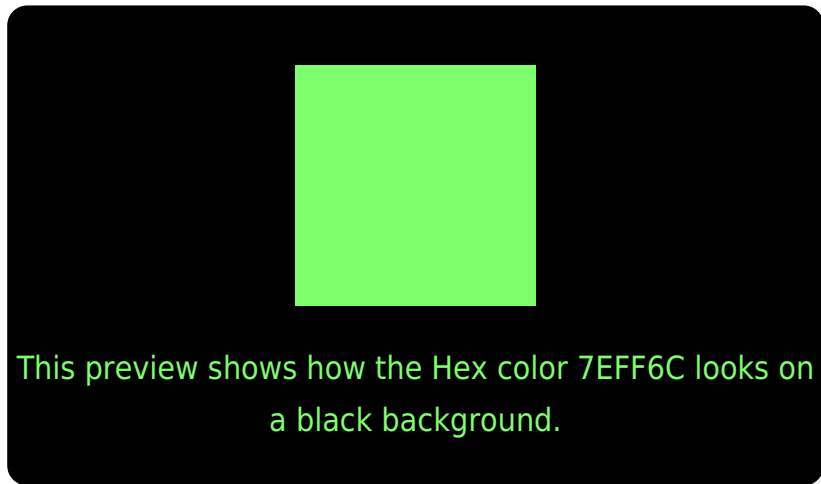
Large Text (above 18pt) WCAG AA × Fail

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

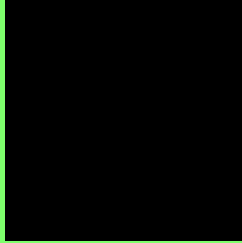
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

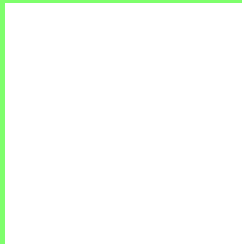
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7EFF6C Background



This preview shows how black text looks on a background with the Hex color 7EFF6C.

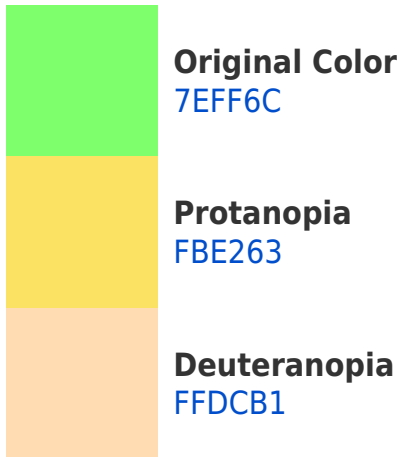


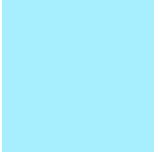
This preview shows how white text looks on a background with the Hex color 7EFF6C.

# 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



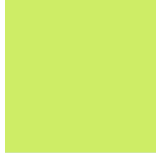


**Tritanopia**  
A7EEFF

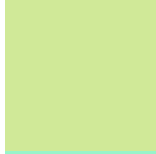
# Trichromacy



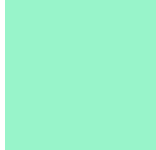
**Original Color**  
7EFF6C



**Protanomaly**  
CEED66

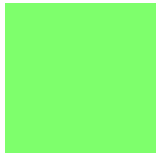


**Deuteranomaly**  
D0E998

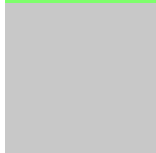


**Tritanomaly**  
98F4CA

# Monochromacy



**Original Color**  
7EFF6C



**Achromatopsia**  
C8C8C8



**Achromatomaly**  
ADDCA7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7EFF6C 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 #7EFF6C looks like.

```
.text, #text, p{  
    color:#7EFF6C  
}
```

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 #7EFF6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EFF6C
}
```

## Border

The CSS property to change the border of an element to Hex 7EFF6C 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
#7EFF6C }
```

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

```
.border{ border-color:#7EFF6C }
```

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

Here you see how a box with a 4 pixel #7EFF6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EFF6C; -webkit-box-shadow:4px 4px  
4px 4px #7EFF6C; box-shadow:4px 4px 4px  
4px #7EFF6C }
```

# Background

The CSS property to change the background color of an element to Hex 7EFF6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EFF6C }
```

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

```
.background{ background-color:#7EFF6C }
```

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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