

# Converting Colors

Hex(67FF7F)

Have a look what the booklet for  
Hex(67FF7F) contains.

<b>Hex(67FF7F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(67FF7F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67FF7F
RGB	103, 255, 127
RGB Percent	40%, 100%, 50%
CMY	0.5961, 0.0000, 0.5020
CMYK	0.60, 0.00, 0.50, 0.00
HSL	129°, 100%, 70%
HSV	129°, 60%, 100%
XYZ	45.1843, 75.9359, 32.3543
YIQ	194.9600, -49.5040, -72.0320

# Conversions

## Conversions Part 2

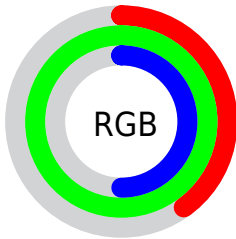
Format	Color
<a href="#">RYB</a>	<a href="#">103, 234, 255</a>
Decimal	<a href="#">6815615</a>
CIELab	<a href="#">89.83, -65.93, 49.00</a>
CIELCh	<a href="#">90, 82.149, 143.379</a>
Yxy	<a href="#">75.9359, 0.2944, 0.4948</a>
Android (android.graphics.Color)	<a href="#">4285005695 (0xFF67FF7F)</a>
YUV	<a href="#">194.9600, -33.5043, -80.6489</a>
Hunter-Lab	<a href="#">87.1412, -59.9416, 38.9853</a>

# Details

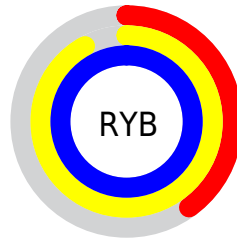
The Hex color **67FF7F** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **FF67E7**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **A6FFB6**, and **0DC54A** is the 20% darker color. If you saturate the color by 10%, you get **4EFF6A**, and if you desaturate by 10%, it is **81FF94**.

# Distribution



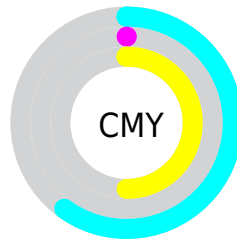
- Red (40%)
- Green (100%)
- Blue (50%)



- Red (40%)
- Yellow (92%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67FF7F 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 67FF7F by changing the saturation by 10% instead.



 67FF7F

 67FF7F

FFFFFF

 44E264

 A6FFB6

 0DC54A

 C5FFD2

 00A930

 E3FFE7

 008D11

 007300

 005900

 004000

 002700

 000000

 67FF7F

 67FF7F

 4EFF6A

 81FF94

 34FF54

 9AFFAA

 1AFF3F

 B3FFBF

 01FF29

 CDFFD5

 00FF28

 E7FFEA

FFFFFF

# Harmonies

## Analogous

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



CFF042



67FF7F



00FFCD

# Triad

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



67FF7F



00F0FF



FF9DA8

# Complementary

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



67FF7F



FF67E7

# 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.



FF99F7



67FF7F



C3D4FF

# Square

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



67FF7F



00FFFF



FFB2FF



FFB964

# Rectangle

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



67FF7F



00FFFF



FFB2FF



FF98C2

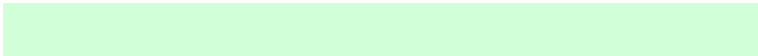


# Sweetspot

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



67FF7F



D1FFD8



E8FF67



638068



000000



808080



# Same Dimension

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



67FF7F



47FF64



67FFCA



738075



00BF1E



00400A



# Inverse Universe

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



FF67E7



FF47E2



FF679C



80737D



BF00A1

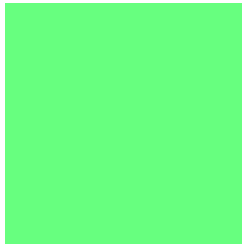


400036



# Previews

## White Background



This preview shows how the Hex color 67FF7F looks on a white background.

## Color Contrast Check

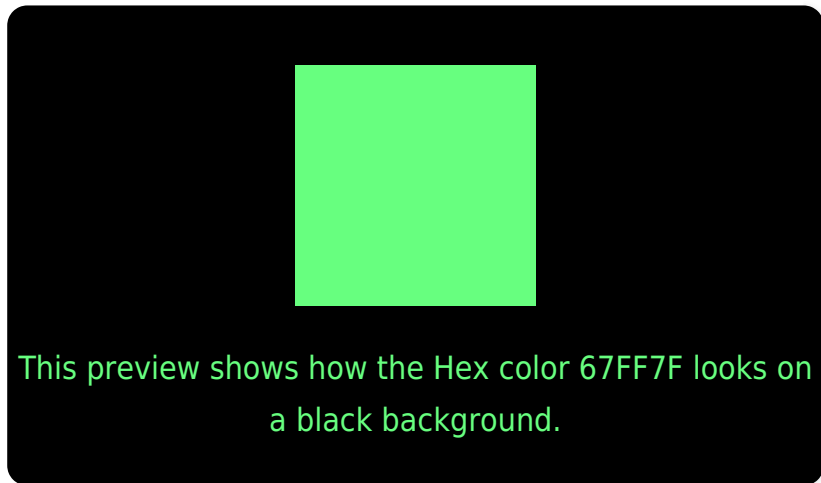
Large Text (above 18pt) WCAG AA × Fail

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 67FF7F Background



This preview shows how black text looks on a background with the Hex color 67FF7F.

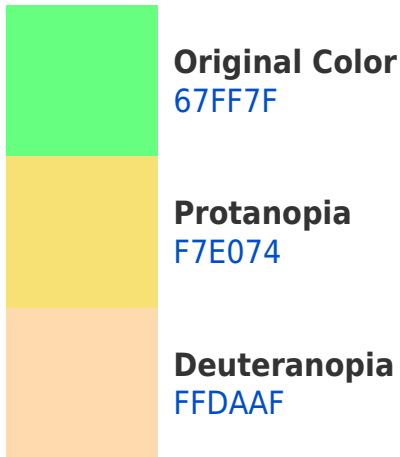


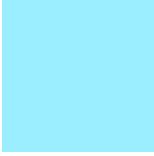
This preview shows how white text looks on a background with the Hex color 67FF7F.

# 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



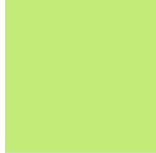


**Tritanopia**  
9AEEFF

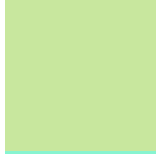
# Trichromacy



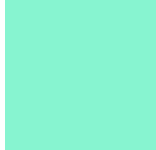
**Original Color**  
67FF7F



**Protanomaly**  
C3EB78

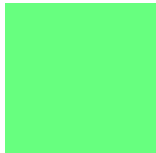


**Deuteranomaly**  
C8E79E

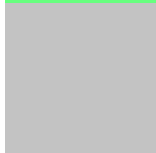


**Tritanomaly**  
87F4D0

# Monochromacy



**Original Color**  
67FF7F



**Achromatopsia**  
C3C3C3



**Achromatomaly**  
A2D9AA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67FF7F 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 #67FF7F looks like.

```
.text, #text, p{  
    color:#67FF7F  
}
```

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 #67FF7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67FF7F
}
```

## Border

The CSS property to change the border of an element to Hex 67FF7F 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
#67FF7F }
```

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

```
.border{ border-color:#67FF7F }
```

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

Here you see how a box with a 4 pixel #67FF7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67FF7F; -webkit-box-shadow:4px 4px  
4px 4px #67FF7F; box-shadow:4px 4px 4px  
4px #67FF7F }
```

# Background

The CSS property to change the background color of an element to Hex 67FF7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67FF7F }
```

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

```
.background{ background-color:#67FF7F }
```

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