

# Converting Colors

Hex(76F87B)

Have a look what the booklet for  
Hex(76F87B) contains.

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# Color

**Hex(76F87B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76F87B
RGB	118, 248, 123
RGB Percent	46%, 97%, 48%
CMY	0.5373, 0.0275, 0.5176
CMYK	0.52, 0.00, 0.50, 0.03
HSL	122°, 90%, 72%
HSV	122°, 52%, 97%
XYZ	44.6138, 72.4164, 30.3653
YIQ	194.8800, -37.3550, -66.4350

# Conversions

## Conversions Part 2

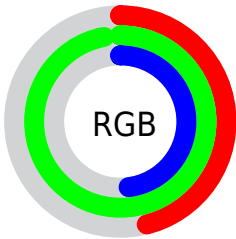
Format	Color
<a href="#">RYB</a>	<a href="#">118, 243, 248</a>
Decimal	<a href="#">7796859</a>
CIELab	<a href="#">88.17, -60.42, 48.93</a>
CIELCh	<a href="#">88, 77.752, 140.998</a>
Yxy	<a href="#">72.4164, 0.3027, 0.4913</a>
Android (android.graphics.Color)	<a href="#">4285986939 (0xFF76F87B)</a>
YUV	<a href="#">194.8800, -35.4368, -67.4238</a>
Hunter-Lab	<a href="#">85.0978, -55.3400, 38.4122</a>

# Details

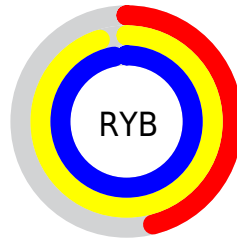
The Hex color **76F87B** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **F876F3**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **B2FFB2**, and **33BE46** is the 20% darker color. If you saturate the color by 10%, you get **5DF863**, and if you desaturate by 10%, it is **8FF893**.

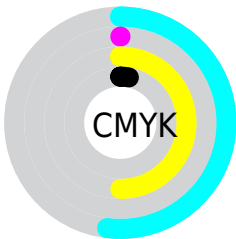
# Distribution



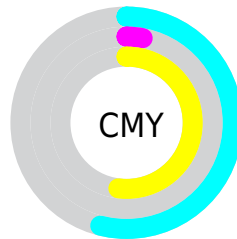
- Red (46%)
- Green (97%)
- Blue (48%)



- Red (46%)
- Yellow (95%)
- Blue (97%)



- Cyan (52%)
- Magenta (0%)
- Yellow (50%)
- Black (3%)



- Cyan (54%)
- Magenta (3%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76F87B 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 76F87B by changing the saturation by 10% instead.



 76F87B

 76F87B

FFFFFF

 57DB61

 B2FFB2

 33BE46

 D0FFCE

 00A32C

 EFFFEB

 00880C

 006D00

 005300

 003B00

 002300

 000000

 76F87B

 76F87B

 5DF863

 8FF893

 44F84B

 A8F8AB

 2CF833

 C0F8C3

 13F81C

 D9F8DA

 00F80A

 F2F8F2

 FFF8FF

# Harmonies

## Analogous

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



D2E945



76F87B



00FFC4

# Triad

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



76F87B



00ECFF



FF9CAC

# Complementary

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



76F87B



F876F3

# Split Complementary

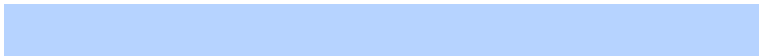
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF9BF7



76F87B



B6D3FF

# Square

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



76F87B



00FBFF



FFB3FF



FFB46B

# Rectangle

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



76F87B



00FFF7



FFB3FF



FF98C5

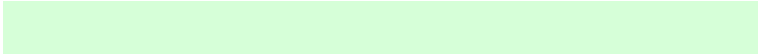


# Sweetspot

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



76F87B



D6FFD8



F4F876



678068



000000



808080



# Same Dimension

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



76F87B



5EFF65



76F8BB



707D71



00BD07



003D02



# Inverse Universe

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



F876F3



FF5EF9



F876B3



7D707C



BD00B5

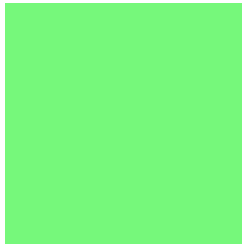


3D003B



# Previews

## White Background



This preview shows how the Hex color 76F87B looks on a white background.

## Color Contrast Check

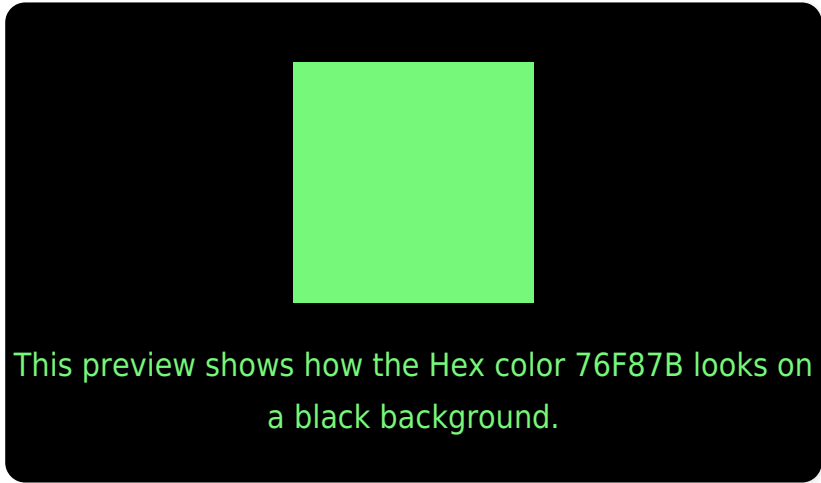
Large Text (above 18pt) WCAG AA × Fail

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

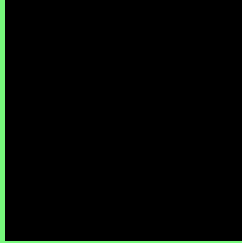
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

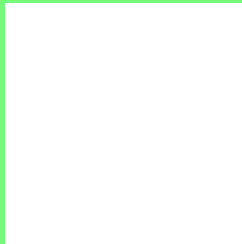
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 76F87B Background



This preview shows how black text looks on a background with the Hex color 76F87B.

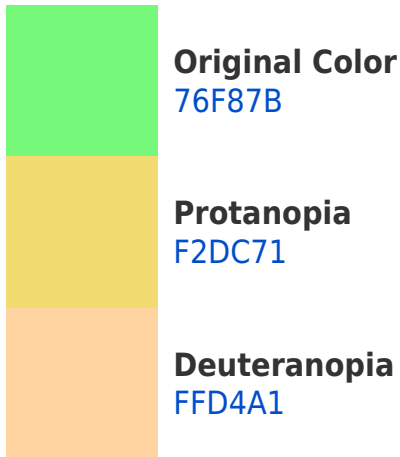


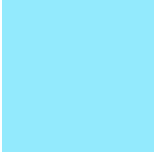
This preview shows how white text looks on a background with the Hex color 76F87B.

# 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](#).

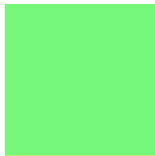
## Dichromacy



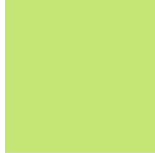


**Tritanopia**  
93EAFD

# Trichromacy



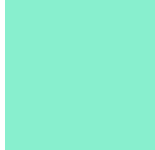
**Original Color**  
76F87B



**Protanomaly**  
C5E675



**Deuteranomaly**  
CDE193

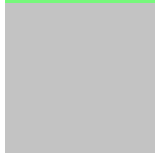


**Tritanomaly**  
88EFCE

# Monochromacy



**Original Color**  
76F87B



**Achromatopsia**  
C3C3C3



**Achromatomaly**  
A7D6A9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76F87B 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 #76F87B looks like.

```
.text, #text, p{  
    color:#76F87B  
}
```

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 #76F87B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76F87B
}
```

## Border

The CSS property to change the border of an element to Hex 76F87B 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
#76F87B }
```

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

```
.border{ border-color:#76F87B }
```

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

Here you see how a box with a 4 pixel #76F87B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76F87B; -webkit-box-shadow:4px 4px  
4px 4px #76F87B; box-shadow:4px 4px 4px  
4px #76F87B }
```

# Background

The CSS property to change the background color of an element to Hex 76F87B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76F87B }
```

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

```
.background{ background-color:#76F87B }
```

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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