

# Converting Colors

Hex(70F57C)

Have a look what the booklet for  
Hex(70F57C) contains.

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**Color**

**Hex(70F57C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70F57C
RGB	112, 245, 124
RGB Percent	44%, 96%, 49%
CMY	0.5608, 0.0392, 0.5137
CMYK	0.54, 0.00, 0.49, 0.04
HSL	125°, 87%, 70%
HSV	125°, 54%, 96%
XYZ	42.9726, 70.2048, 30.3548
YIQ	191.4390, -40.4270, -65.8270

# Conversions

## Conversions Part 2

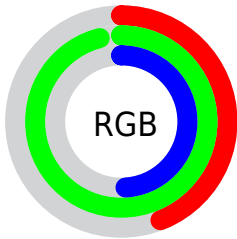
Format	Color
<a href="#">RYB</a>	<a href="#">112, 234, 245</a>
Decimal	<a href="#">7402876</a>
CIELab	<a href="#">87.10, -60.63, 47.10</a>
CIELCh	<a href="#">87, 76.775, 142.157</a>
Yxy	<a href="#">70.2048, 0.2994, 0.4891</a>
Android (android.graphics.Color)	<a href="#">4285592956 (0xFF70F57C)</a>
YUV	<a href="#">191.4390, -33.2474, -69.6680</a>
Hunter-Lab	<a href="#">83.7883, -55.0821, 37.1723</a>

# Details

The Hex color **70F57C** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **F570E9**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **ACFFB3**, and **2BBC48** is the 20% darker color. If you saturate the color by 10%, you get **57F566**, and if you desaturate by 10%, it is **89F592**.

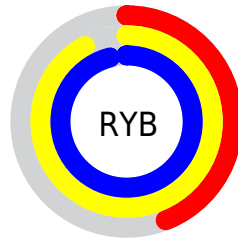
# Distribution



Red (44%)

Green (96%)

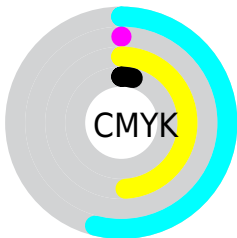
Blue (49%)



Red (44%)

Yellow (92%)

Blue (96%)

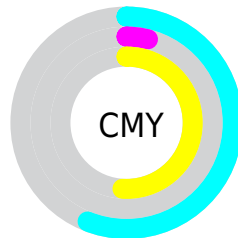


Cyan (54%)

Magenta (0%)

Yellow (49%)

Black (4%)



Cyan (56%)

Magenta (4%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70F57C 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 70F57C by changing the saturation by 10% instead.



 70F57C

 70F57C

FFFFFF

 50D862

 ACFFB3

 2BBC48

 CBFFCF

 00A02D

 E9FFEB

 00850F

 006A00

 005100

 003900


 002000

 000000

 70F57C

 70F57C

 57F566

 89F592

 3FF54F

 A1F5A9

 26F539

 BAF5BF

 0EF523

 D2F5D5

 00F516

 EBF5EB

 FFF5FF

# Harmonies

## Analogous

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



CCE746



70F57C



00FCC4

# Triad

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



70F57C



00E8FF



FF9BA7

# Complementary

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



70F57C



F570E9

# 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.



FF98F1



70F57C



BACFFF

# Square

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



70F57C



00F7FF



FFB0FF



FFB368

# Rectangle

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



70F57C



00FEF7



FFB0FF



FF97BF

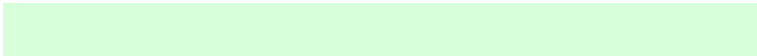


# Sweetspot

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



70F57C



D6FFDA



EAF570



678069



000000



808080



# Same Dimension

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



70F57C



59FF68



70F5BE



6E7A6F



00BA11



003B05



# Inverse Universe

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



F570E9



FF59F0



F570A7



7A6E79



BA00A9

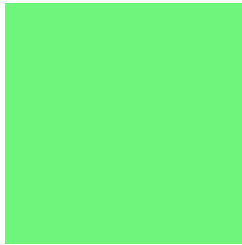


3B0035



# Previews

## White Background



This preview shows how the Hex color 70F57C looks on a white background.

## Color Contrast Check

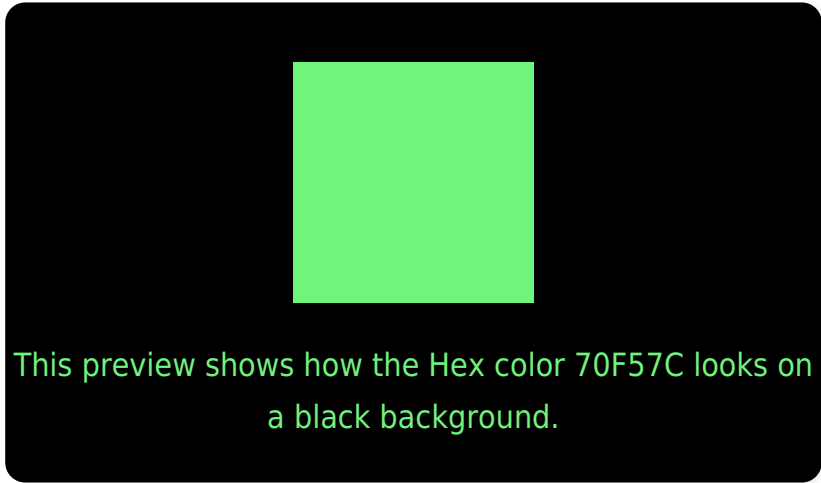
Large Text (above 18pt) WCAG AA × Fail

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

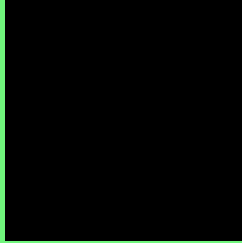
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

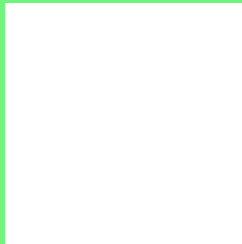
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 70F57C Background



This preview shows how black text looks on a background with the Hex color 70F57C.

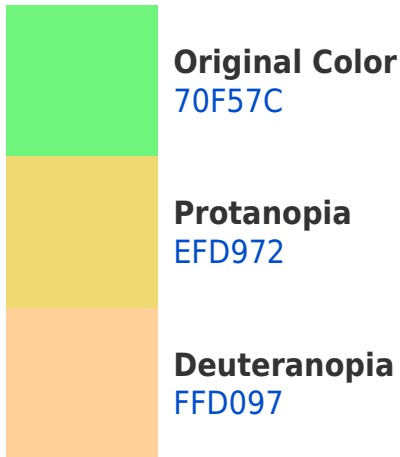


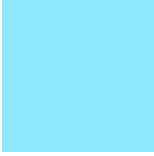
This preview shows how white text looks on a background with the Hex color 70F57C.

# 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**  
8EE7FA

# Trichromacy



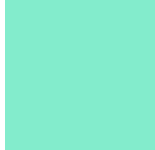
**Original Color**  
70F57C



**Protanomaly**  
C1E376



**Deuteranomaly**  
CBDD8D

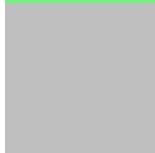


**Tritanomaly**  
83ECCC

# Monochromacy



**Original Color**  
70F57C



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
A2D3A7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70F57C 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 #70F57C looks like.

```
.text, #text, p{  
    color:#70F57C  
}
```

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 #70F57C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70F57C
}
```

## Border

The CSS property to change the border of an element to Hex 70F57C 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
#70F57C }
```

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

```
.border{ border-color:#70F57C }
```

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

Here you see how a box with a 4 pixel #70F57C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70F57C; -webkit-box-shadow:4px 4px  
4px 4px #70F57C; box-shadow:4px 4px 4px  
4px #70F57C }
```

# Background

The CSS property to change the background color of an element to Hex 70F57C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70F57C }
```

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

```
.background{ background-color:#70F57C }
```

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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