

Converting Colors

Hex(70EF8C)

Have a look what the booklet for
Hex(70EF8C) contains.

Hex(70EF8C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(70EF8C)

Conversions

Conversions Part 1

Format	Color
Hex	70EF8C
RGB	112, 239, 140
RGB Percent	44%, 94%, 55%
CMY	0.5608, 0.0627, 0.4510
CMYK	0.53, 0.00, 0.41, 0.06
HSL	133°, 80%, 69%
HSV	133°, 53%, 94%
XYZ	42.2822, 67.0712, 35.5285
YIQ	189.7410, -43.9130, -57.7130

Conversions

Conversions Part 2

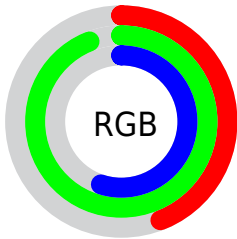
Format	Color
RYB	112, 216, 239
Decimal	7401356
CIELab	85.54, -55.98, 37.38
CIELCh	86, 67.315, 146.270
Yxy	67.0712, 0.2918, 0.4629
Android (android.graphics.Color)	4285591436 (0xFF70EF8C)
YUV	189.7410, -24.5223, -68.1789
Hunter-Lab	81.8970, -51.1628, 31.6068

Details

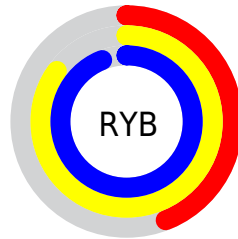
The Hex color **70EF8C** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **EF70D3**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **ABFFC3**, and **2EB658** is the 20% darker color. If you saturate the color by 10%, you get **58EF79**, and if you desaturate by 10%, it is **88EF9F**.

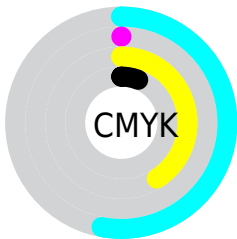
Distribution



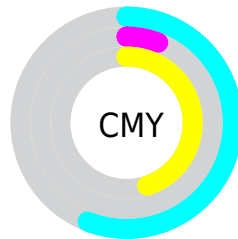
- Red (44%)
- Green (94%)
- Blue (55%)



- Red (44%)
- Yellow (85%)
- Blue (94%)



- Cyan (53%)
- Magenta (0%)
- Yellow (41%)
- Black (6%)



- Cyan (56%)
- Magenta (6%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70EF8C 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 70EF8C by changing the saturation by 10% instead.

 70EF8C

 70EF8C


FFFFFF

 51D272

 ABFFC3

 2EB658

 C9FFDF

 009A3F

 E7FFFC

 008027

 00650C

 004C00

 003500


 001C00

 000000

 70EF8C

 70EF8C

 58EF79

 88EF9F

 40EF67

 A0EFB1

 28EF54

 B8EFC4

 10EF41

 D0EFD7

 00EF35

 E7EFE9

 FFEFFC

 FFEFFF

Harmonies

Analogous

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



C2E35D



70EF8C



00F5CB

Triad

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



70EF8C



17DFFF



FFA3A1

Complementary

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



70EF8C



EF70D3

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.



FF9EE0



70EF8C



CCC8FF

Square

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



70EF8C



00EEFF



FFAFFF



FFB86D

Rectangle

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



70EF8C



00F5F7



FFAFFF



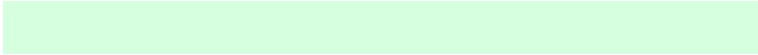
FF9FB6

Sweetspot

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



70EF8C



D6FFDF



D3EF70



67806D



000000



808080

Same Dimension

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



70EF8C



5CFF80



70EFCB



6C786F



00B828



00380C

Inverse Universe

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



EF70D3



FF5CDB



EF7094



786C75



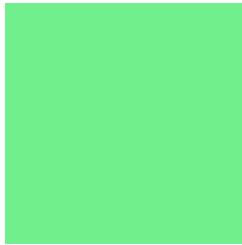
B8008F



38002C

Previews

White Background



This preview shows how the Hex color 70EF8C looks on a white background.

Color Contrast Check

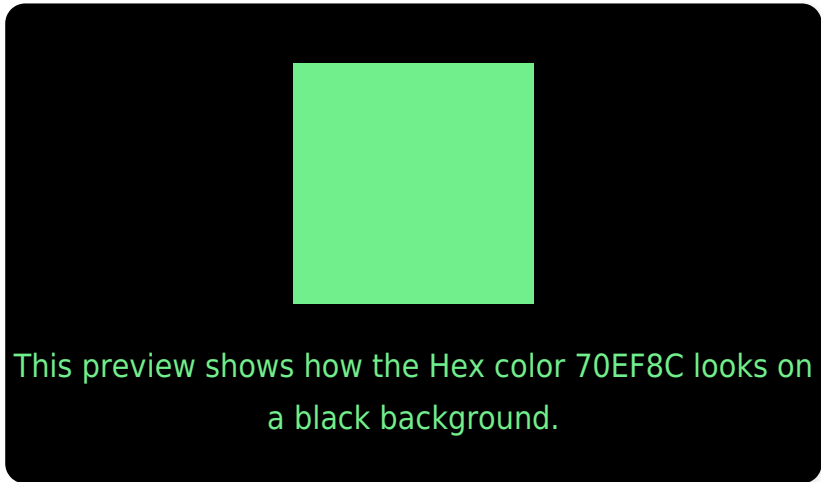
Large Text (above 18pt) WCAG AA × Fail

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

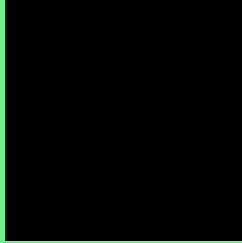
Any Text WCAG AA ✓ Pass

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 70EF8C Background



This preview shows how black text looks on a background with the Hex color 70EF8C.

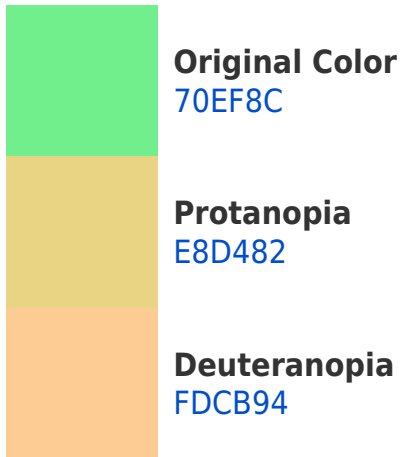


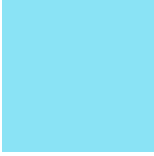
This preview shows how white text looks on a background with the Hex color 70EF8C.

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](#).

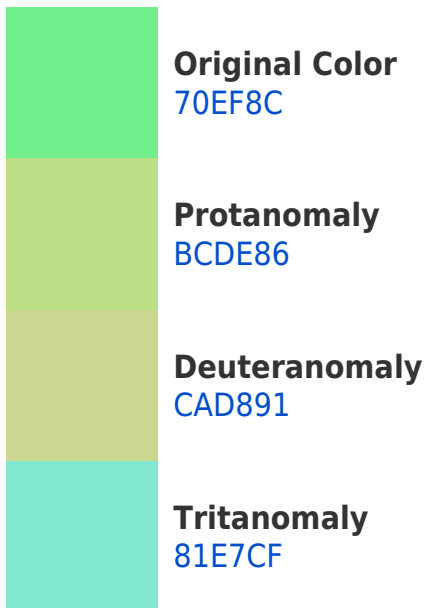
Dichromacy



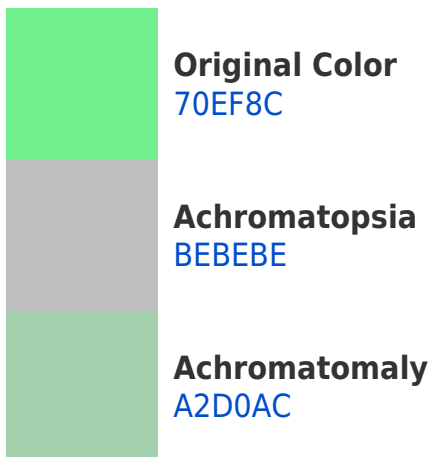


Tritanopia
8AE3F5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70EF8C 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 #70EF8C looks like.

```
.text, #text, p{  
    color:#70EF8C  
}
```

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 #70EF8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70EF8C
}
```

Border

The CSS property to change the border of an element to Hex 70EF8C 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
#70EF8C }
```

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

```
.border{ border-color:#70EF8C }
```

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

Here you see how a box with a 4 pixel #70EF8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70EF8C; -webkit-box-shadow:4px 4px  
4px 4px #70EF8C; box-shadow:4px 4px 4px  
4px #70EF8C }
```

Background

The CSS property to change the background color of an element to Hex 70EF8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70EF8C }
```

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

```
.background{ background-color:#70EF8C }
```

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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