

Converting Colors

Hex(77F08F)

Have a look what the booklet for
Hex(77F08F) contains.

Hex(77F08F)	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(77F08F)

Conversions

Conversions Part 1

Format	Color
Hex	77F08F
RGB	119, 240, 143
RGB Percent	47%, 94%, 56%
CMY	0.5333, 0.0588, 0.4392
CMYK	0.50, 0.00, 0.40, 0.06
HSL	132°, 80%, 70%
HSV	132°, 50%, 94%
XYZ	43.7258, 68.2253, 36.8508
YIQ	192.7630, -40.9790, -55.8190

Conversions

Conversions Part 2

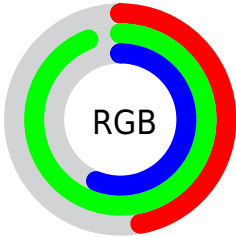
Format	Color
RYB	119, 220, 240
Decimal	7860367
CIELab	86.12, -54.18, 36.69
CIELCh	86, 65.437, 145.897
Yxy	68.2253, 0.2939, 0.4585
Android (android.graphics.Color)	4286050447 (0xFF77F08F)
YUV	192.7630, -24.5332, -64.6902
Hunter-Lab	82.5986, -50.0538, 31.3672

Details

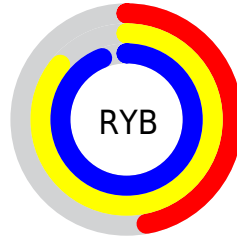
The Hex color **77F08F** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F077D8**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **B2FFC6**, and **38B75B** is the 20% darker color. If you saturate the color by 10%, you get **5FF07C**, and if you desaturate by 10%, it is **8FF0A2**.

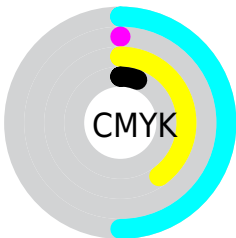
Distribution



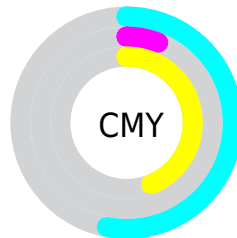
- Red (47%)
- Green (94%)
- Blue (56%)



- Red (47%)
- Yellow (86%)
- Blue (94%)



- Cyan (50%)
- Magenta (0%)
- Yellow (40%)
- Black (6%)



- Cyan (53%)
- Magenta (6%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77F08F 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 77F08F by changing the saturation by 10% instead.

 77F08F

 77F08F

FFFFFF

 59D375

 B2FFC6

 38B75B

 CFFFE2

 059B42

 EDFFFF

 00812A

 006710

 004D00

 003500

 001E00

 000000

 77F08F

 77F08F

 5FF07C

 8FF0A2

 47F069

 A7F0B5

 2FF055

 BFF0C9

 17F042

 D7F0DC

 00F030

 EFF0EF

 FFF0FF

Harmonies

Analogous

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



C5E462



77F08F



00F6CD

Triad

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



77F08F



32E1FF



FFA6A5

Complementary

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



77F08F



F077D8

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.



FFA2E3



77F08F



CDCBFF

Square

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



77F08F



00EFFF



FFB2FF



FFBA72

Rectangle

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



77F08F



00F6F7



FFB2FF



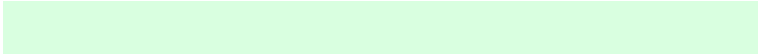
FFA3B9

Sweetspot

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



77F08F



D9FFE0



DAF077



69806D



000000



808080

Same Dimension

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



77F08F



63FF82



77F0CA



6C786E



00B824



00380B

Inverse Universe

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



F077D8



FF63E0



F0779D



786C75



B80093



38002D

Previews

White Background



This preview shows how the Hex color 77F08F looks on a white background.

Color Contrast Check

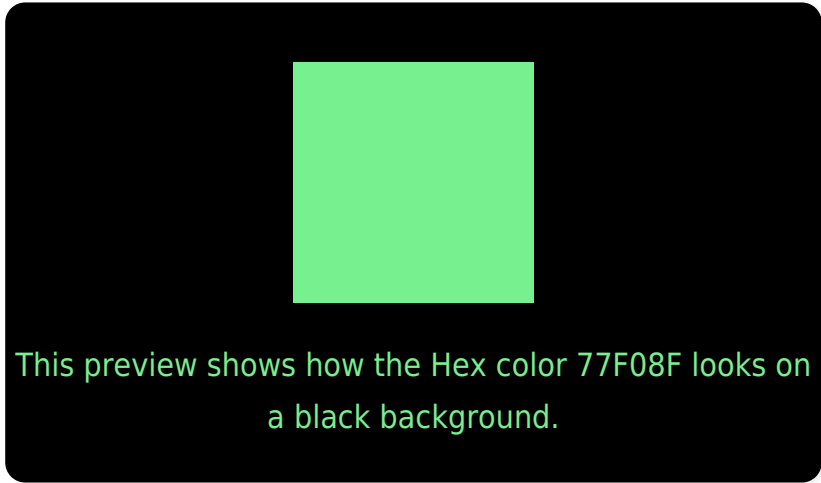
Large Text (above 18pt) WCAG AA × Fail

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 77F08F Background



This preview shows how black text looks on a background with the Hex color 77F08F.

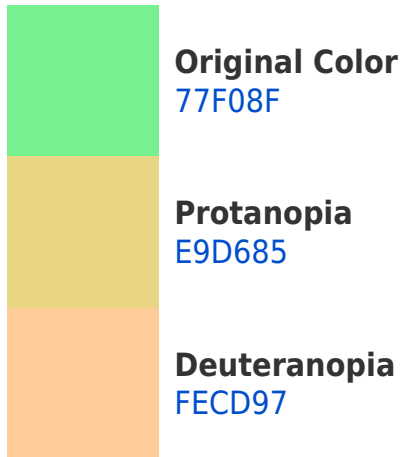


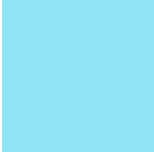
This preview shows how white text looks on a background with the Hex color 77F08F.

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





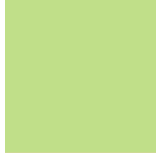
Tritanopia
8FE4F6

Trichromacy



Original Color

77F08F



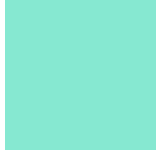
Protanomaly

C0DF89



Deuteranomaly

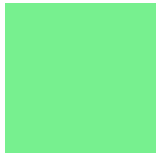
CDDA94



Tritanomaly

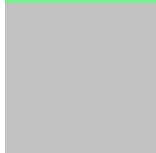
86E8D1

Monochromacy



Original Color

77F08F



Achromatopsia

C1C1C1



Achromatomaly

A6D2AF

CSS Examples

Text

The CSS property to change the color of the text to Hex 77F08F 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 #77F08F looks like.

```
.text, #text, p{  
    color:#77F08F  
}
```

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 #77F08F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77F08F
}
```

Border

The CSS property to change the border of an element to Hex 77F08F 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
#77F08F }
```

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

```
.border{ border-color:#77F08F }
```

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

Here you see how a box with a 4 pixel #77F08F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77F08F; -webkit-box-shadow:4px 4px  
4px 4px #77F08F; box-shadow:4px 4px 4px  
4px #77F08F }
```

Background

The CSS property to change the background color of an element to Hex 77F08F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77F08F }
```

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

```
.background{ background-color:#77F08F }
```

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