

Converting Colors

Hex(77F18C)

Have a look what the booklet for
Hex(77F18C) contains.

Hex(77F18C)	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(77F18C)

Conversions

Conversions Part 1

Format	Color
Hex	77F18C
RGB	119, 241, 140
RGB Percent	47%, 95%, 55%
CMY	0.5333, 0.0549, 0.4510
CMYK	0.51, 0.00, 0.42, 0.05
HSL	130°, 81%, 71%
HSV	130°, 51%, 95%
XYZ	43.7967, 68.7260, 35.7681
YIQ	193.0080, -40.2910, -57.2750

Conversions

Conversions Part 2

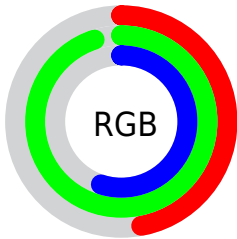
Format	Color
RYB	119, 223, 241
Decimal	7860620
CIELab	86.37, -55.05, 38.50
CIELCh	86, 67.175, 145.033
Yxy	68.7260, 0.2953, 0.4635
Android (android.graphics.Color)	4286050700 (0xFF77F18C)
YUV	193.0080, -26.1329, -64.9050
Hunter-Lab	82.9011, -50.7754, 32.4499

Details

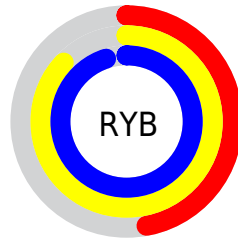
The Hex color **77F18C** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F177DC**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **B2FFC3**, and **38B858** is the 20% darker color. If you saturate the color by 10%, you get **5FF178**, and if you desaturate by 10%, it is **8FF1A0**.

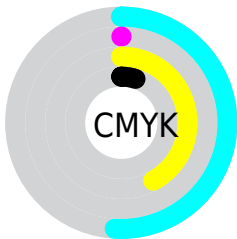
Distribution



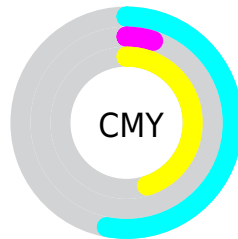
- Red (47%)
- Green (95%)
- Blue (55%)



- Red (47%)
- Yellow (87%)
- Blue (95%)



- Cyan (51%)
- Magenta (0%)
- Yellow (42%)
- Black (5%)



- Cyan (53%)
- Magenta (5%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77F18C 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 77F18C by changing the saturation by 10% instead.

 77F18C

 77F18C

FFFFFF

 59D472

 B2FFC3

 38B858

 D0FFDF

 039C3F

 EEFFFC

 008226

 00670B

 004E00

 003600

 001E00

 000000

 77F18C

 77F18C

 5FF178

 8FF1A0

 47F164

 A7F1B4

 2FF150

 BFF1C8

 17F13C

 D7F1DC

 00F129

 EFF1F0

 FFF1FF

Harmonies

Analogous

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



C7E45E



77F18C



00F7CB

Triad

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



77F18C



00E2FF



FFA5A6

Complementary

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



77F18C



F177DC

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.



FFA1E5



77F18C



CACCFE

Square

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



77F18C



00F1FF



FFB2FF



FFB971

Rectangle

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



77F18C



00F8F7



FFB2FF



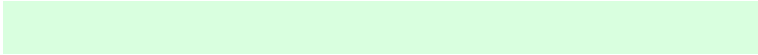
FFA1BA

Sweetspot

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



77F18C



D9FFDF



DDF177



69806D



000000



808080

Same Dimension

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



77F18C



63FF7E



77F1C8



6C786E



00B820



00380A

Inverse Universe

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



F177DC



FF63E4



F177A0



786C76



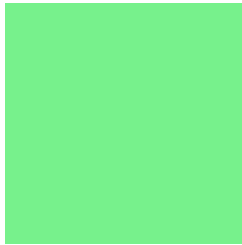
B80098



38002E

Previews

White Background



This preview shows how the Hex color 77F18C looks on a white background.

Color Contrast Check

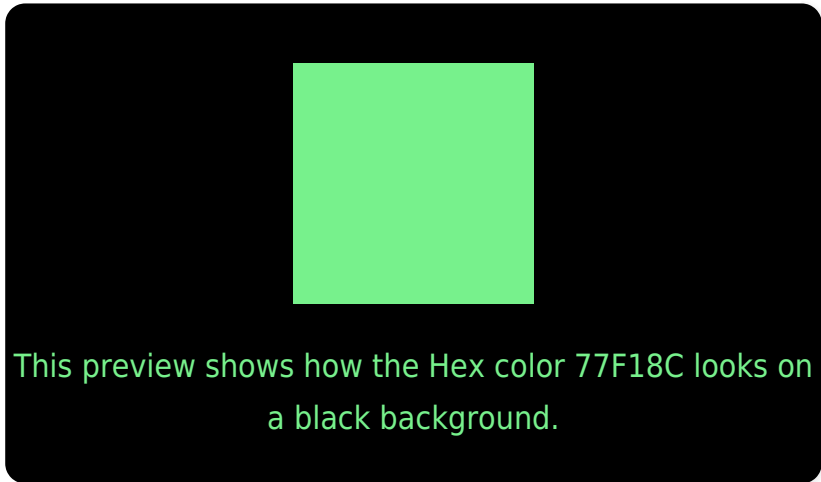
Large Text (above 18pt) WCAG AA × Fail

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

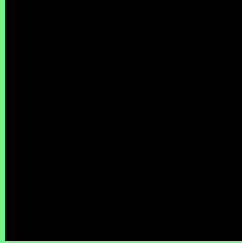
Any Text WCAG AA ✓ Pass

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 77F18C Background



This preview shows how black text looks on a background with the Hex color 77F18C.

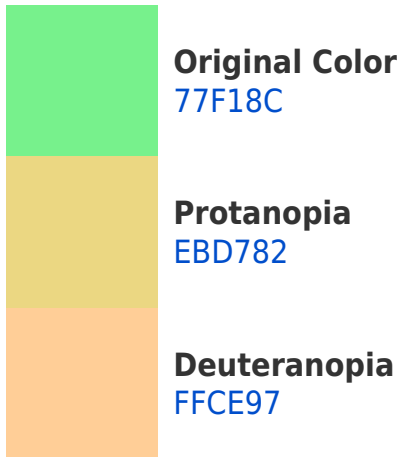


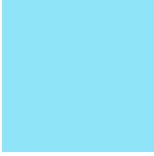
This preview shows how white text looks on a background with the Hex color 77F18C.

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



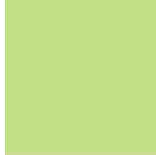


Tritanopia
90E4F7

Trichromacy



Original Color
77F18C



Protanomaly
C1E086



Deuteranomaly
CEDB93



Tritanomaly
87E9D0

Monochromacy



Original Color
77F18C



Achromatopsia
C1C1C1



Achromatomaly
A6D2AE

CSS Examples

Text

The CSS property to change the color of the text to Hex 77F18C 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 #77F18C looks like.

```
.text, #text, p{  
    color:#77F18C  
}
```

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 #77F18C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77F18C
}
```

Border

The CSS property to change the border of an element to Hex 77F18C 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
#77F18C }
```

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

```
.border{ border-color:#77F18C }
```

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

Here you see how a box with a 4 pixel #77F18C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77F18C; -webkit-box-shadow:4px 4px  
4px 4px #77F18C; box-shadow:4px 4px 4px  
4px #77F18C }
```

Background

The CSS property to change the background color of an element to Hex 77F18C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77F18C }
```

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

```
.background{ background-color:#77F18C }
```

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