

Converting Colors

Hex(77ED8F)

Have a look what the booklet for
Hex(77ED8F) contains.

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Color

Hex(77ED8F)

Conversions

Conversions Part 1

Format	Color
Hex	77ED8F
RGB	119, 237, 143
RGB Percent	47%, 93%, 56%
CMY	0.5333, 0.0706, 0.4392
CMYK	0.50, 0.00, 0.40, 0.07
HSL	132°, 77%, 70%
HSV	132°, 50%, 93%
XYZ	42.8499, 66.4735, 36.5588
YIQ	191.0020, -40.1540, -54.2500

Conversions

Conversions Part 2

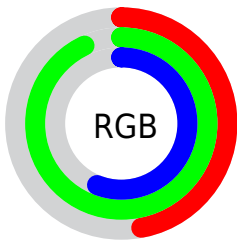
Format	Color
RYB	119, 217, 237
Decimal	7859599
CIELab	85.24, -52.98, 35.54
CIElCh	85, 63.794, 146.146
Yxy	66.4735, 0.2937, 0.4557
Android (android.graphics.Color)	4286049679 (0xFF77ED8F)
YUV	191.0020, -23.6650, -63.1458
Hunter-Lab	81.5313, -48.8666, 30.4861

Details

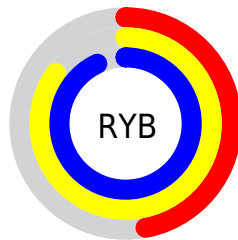
The Hex color **77ED8F** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **ED77D5**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **B1FFC6**, and **39B45B** is the 20% darker color. If you saturate the color by 10%, you get **5FED7C**, and if you desaturate by 10%, it is **8FEDA2**.

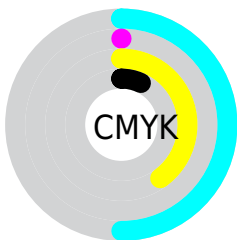
Distribution



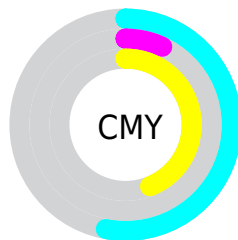
- Red (47%)
- Green (93%)
- Blue (56%)



- Red (47%)
- Yellow (85%)
- Blue (93%)



- Cyan (50%)
- Magenta (0%)
- Yellow (40%)
- Black (7%)



- Cyan (53%)
- Magenta (7%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77ED8F 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 77ED8F by changing the saturation by 10% instead.

 77ED8F

 77ED8F

FFFFFF

 59D075

 B1FFC6

 39B45B

 CFFFE2

 0A9943

 EDFFFF

 007E2A

 006411

 004B00

 003300

 001B00

 000000

 77ED8F

 77ED8F

 5FED7C

 8FEDA2

 48ED69

 A6EDB5

 30ED56

 BEEDC8

 18ED43

 D6EDDB

 00ED31

 EDEDED

 00ED30

 FFEDFF

Harmonies

Analogous

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



C3E163



77ED8F



00F3CB

Triad

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



77ED8F



3EDEFB



FFA5A3

Complementary

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



77ED8F



ED77D5

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.



FFA1DF



77ED8F



CCC8FF

Square

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



77ED8F



00ECFF



FFB0FF



FFB972

Rectangle

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



77ED8F



00F3F5



FFB0FF



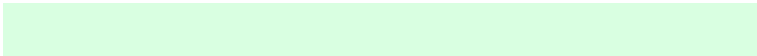
FFA2B7

Sweetspot

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



77ED8F



D9FFE1



D5ED77



69806D



000000



808080

Same Dimension

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



77ED8F



66FF85



77EDCA



6A756C



00B525



00360B

Inverse Universe

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



ED77D5



FF66E0



ED779A



756A73



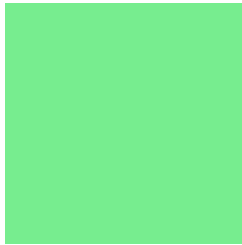
B50090



36002B

Previews

White Background



This preview shows how the Hex color 77ED8F 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



This preview shows how the Hex color 77ED8F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

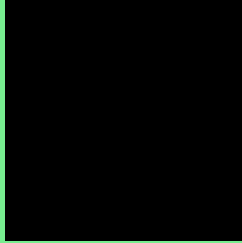
Any Text WCAG AA ✓ Pass

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 77ED8F Background



This preview shows how black text looks on a background with the Hex color 77ED8F.

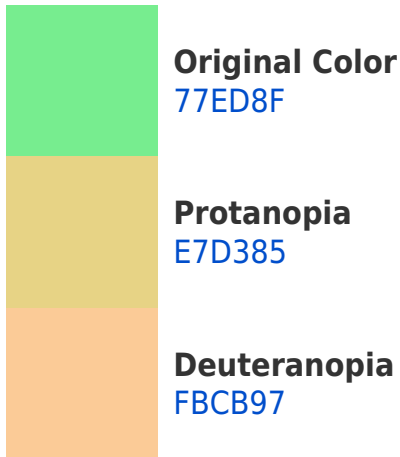


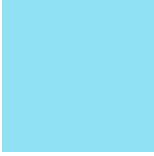
This preview shows how white text looks on a background with the Hex color 77ED8F.

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](#).

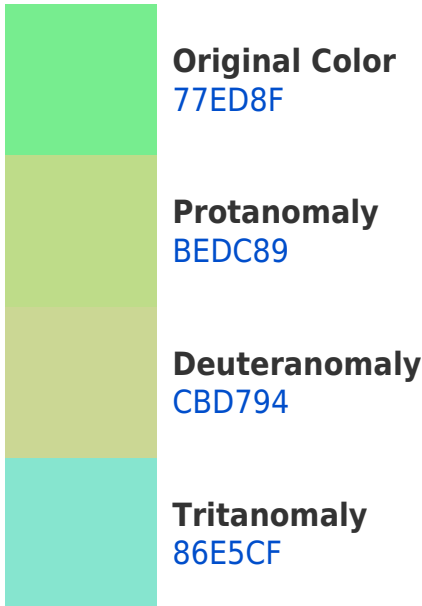
Dichromacy



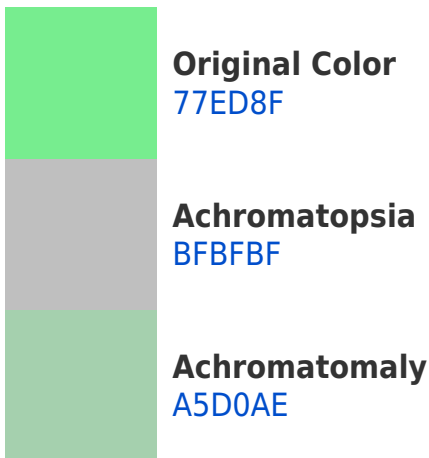


Tritanopia
8FE1F3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77ED8F 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 #77ED8F looks like.

```
.text, #text, p{  
    color:#77ED8F  
}
```

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 #77ED8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77ED8F
}
```

Border

The CSS property to change the border of an element to Hex 77ED8F 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
#77ED8F }
```

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

```
.border{ border-color:#77ED8F }
```

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

Here you see how a box with a 4 pixel #77ED8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77ED8F; -webkit-box-shadow:4px 4px  
4px 4px #77ED8F; box-shadow:4px 4px 4px  
4px #77ED8F }
```

Background

The CSS property to change the background color of an element to Hex 77ED8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77ED8F }
```

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

```
.background{ background-color:#77ED8F }
```

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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