

# Converting Colors

Hex(77ED7C)

Have a look what the booklet for  
Hex(77ED7C) contains.

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# **Color**

**Hex(77ED7C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77ED7C
RGB	119, 237, 124
RGB Percent	47%, 93%, 49%
CMY	0.5333, 0.0706, 0.5137
CMYK	0.50, 0.00, 0.48, 0.07
HSL	123°, 77%, 70%
HSV	123°, 50%, 93%
XYZ	41.5300, 65.9455, 29.6087
YIQ	188.8360, -34.0550, -60.1590

# Conversions

## Conversions Part 2

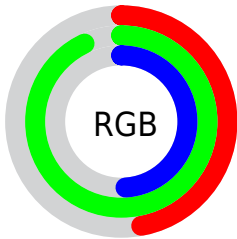
<b>Format</b>	<b>Color</b>
<b>RYB</b>	119, 232, 237
Decimal	7859580
CIELab	84.97, -55.80, 44.51
CIElCh	85, 71.376, 141.420
Yxy	65.9455, 0.3030, 0.4811
Android (android.graphics.Color)	4286049660 (0xFF77ED7C)
YUV	188.8360, -31.9641, -61.2462
Hunter-Lab	81.2069, -50.8253, 35.2272

# Details

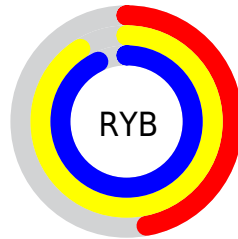
The Hex color **77ED7C** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **ED77E8**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **B2FFB2**, and **38B448** is the 20% darker color. If you saturate the color by 10%, you get **5FED65**, and if you desaturate by 10%, it is **8FED93**.

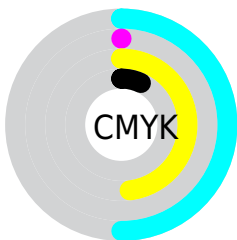
# Distribution



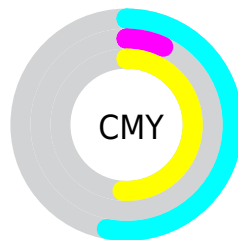
- Red (47%)
- Green (93%)
- Blue (49%)



- Red (47%)
- Yellow (91%)
- Blue (93%)



- Cyan (50%)
- Magenta (0%)
- Yellow (48%)
- Black (7%)



- Cyan (53%)
- Magenta (7%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77ED7C 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 77ED7C by changing the saturation by 10% instead.



 77ED7C

 77ED7C

FFFFFF

 59D062

 B2FFB2

 38B448

 D0FFCE

 05992E

 EDFFEB

 007E12

 006400

 004B00

 003300

 001A00

 000000

 77ED7C

 77ED7C

 5FED65

 8FED93

 48ED4F

 A6EDA9

 30ED38

 BEEDC0

 18ED21

 D6EDD7

 00ED0B

 EDEDED

 00ED0A

 FFEDFF

# Harmonies

## Analogous

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



CADF4D



77ED7C



00F4BE

# Triad

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



77ED7C



00E1FF



FF9AA7

# Complementary

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



77ED7C



ED77E8

# 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.



FF99EB



77ED7C



B5CAFF

# Square

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



77ED7C



00EFFF



FFAEFF



FFB06C

# Rectangle

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



77ED7C



00F5ED



FFAEFF



FF97BD

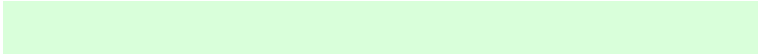


# Sweetspot

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



77ED7C



D9FFDA



E9ED77



69806A



000000



808080



# Same Dimension

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



77ED7C



66FF6C



77EDB6



6A756A



00B508



003602



# Inverse Universe

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



ED77E8



FF66F9



ED77AE



756A75



B500AD

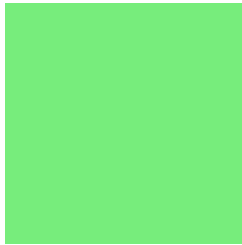


360033



# Previews

## White Background



This preview shows how the Hex color 77ED7C looks on a white background.

## Color Contrast Check

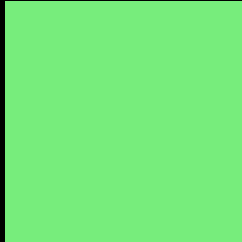
Large Text (above 18pt) WCAG AA × Fail

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 77ED7C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

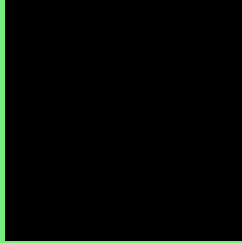
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 77ED7C Background



This preview shows how black text looks on a background with the Hex color 77ED7C.

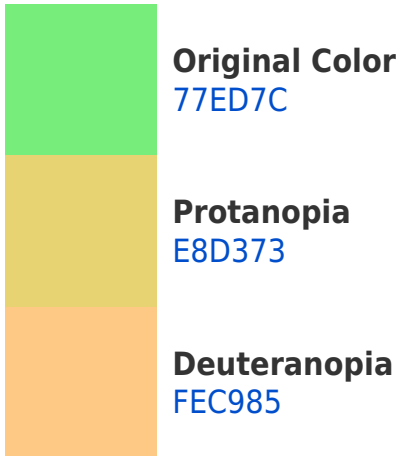


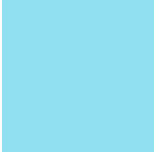
This preview shows how white text looks on a background with the Hex color 77ED7C.

# 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**  
91E0F2

# Trichromacy



**Original Color**

77ED7C



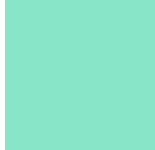
**Protanomaly**

BFDC76



**Deuteranomaly**

CDD682



**Tritanomaly**

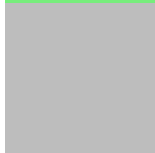
88E5C7

# Monochromacy



**Original Color**

77ED7C



**Achromatopsia**

BDBDBD



**Achromatomaly**

A4CEA5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77ED7C 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 #77ED7C looks like.

```
.text, #text, p{  
    color:#77ED7C  
}
```

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 #77ED7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77ED7C
}
```

## Border

The CSS property to change the border of an element to Hex 77ED7C 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
#77ED7C }
```

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

```
.border{ border-color:#77ED7C }
```

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

Here you see how a box with a 4 pixel #77ED7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77ED7C; -webkit-box-shadow:4px 4px  
4px 4px #77ED7C; box-shadow:4px 4px 4px  
4px #77ED7C }
```

# Background

The CSS property to change the background color of an element to Hex 77ED7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77ED7C }
```

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

```
.background{ background-color:#77ED7C }
```

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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