

# Converting Colors

Hex(77ED7E)

Have a look what the booklet for  
Hex(77ED7E) contains.

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**Color**

**Hex(77ED7E)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 77ED7E                       |
| RGB         | 119, 237, 126                |
| RGB Percent | 47%, 93%, 49%                |
| CMY         | 0.5333, 0.0706, 0.5059       |
| CMYK        | 0.50, 0.00, 0.47, 0.07       |
| HSL         | 124°, 77%, 70%               |
| HSV         | 124°, 50%, 93%               |
| XYZ         | 41.6578, 65.9967, 30.2817    |
| YIQ         | 189.0640, -34.6970, -59.5370 |

# Conversions

## Conversions Part 2

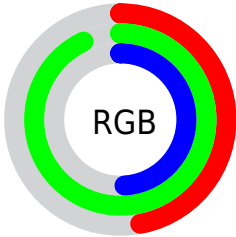
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">119, 230, 237</a>                    |
| Decimal                             | <a href="#">7859582</a>                          |
| CIELab                              | <a href="#">84.99, -55.52, 43.58</a>             |
| CIELCh                              | <a href="#">85, 70.582, 141.870</a>              |
| Yxy                                 | <a href="#">65.9967, 0.3020,<br/>0.4785</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4286049662<br/>(0xFF77ED7E)</a>      |
| YUV                                 | <a href="#">189.0640, -31.0906,<br/>-61.4461</a> |
| Hunter-Lab                          | <a href="#">81.2383, -50.6349,<br/>34.7664</a>   |

# Details

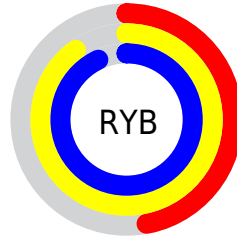
The Hex color **77ED7E** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **ED77E6**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **B2FFB4**, and **38B44A** is the 20% darker color. If you saturate the color by 10%, you get **5FED68**, and if you desaturate by 10%, it is **8FED94**.

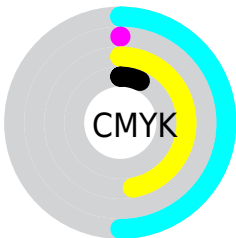
# Distribution



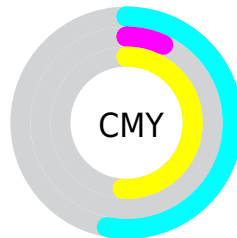
- Red (47%)
- Green (93%)
- Blue (49%)



- Red (47%)
- Yellow (90%)
- Blue (93%)



- Cyan (50%)
- Magenta (0%)
- Yellow (47%)
- Black (7%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 77ED7E 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 77ED7E by changing the saturation by 10% instead.



 77ED7E

 77ED7E

FFFFFF

 59D064

 B2FFB4

 38B44A

 CFFFD0

 059931

 EDFFED

 007E15

 006400

 004B00

 003300

 001A00

 000000

 77ED7E

 77ED7E

 5FED68

 8FED94

 48ED51

 A6EDAB

 30ED3B

 BEEDC1

 18ED25

 D6EDD7

 00ED0F

 EDEDED

 00ED0E

 FFEDFF

# Harmonies

## Analogous

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



C9DF4F



77ED7E



00F4BF

# Triad

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



77ED7E



00E1FF



FF9CA6

# Complementary

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



77ED7E



ED77E6

# 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.



FF9AE9



77ED7E



B7CAFF

# Square

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



77ED7E



00EFFF



FFAEFF



FFB16D

# Rectangle

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



77ED7E



00F5EE



FFAEFF



FF98BC

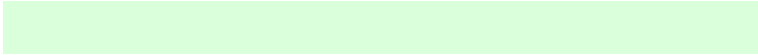


# Sweetspot

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



77ED7E



D9FFDB



E7ED77



69806A



000000



808080



# Same Dimension

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



77ED7E



66FF6F



77EDB8



6A756A



00B50B



003603



# Inverse Universe

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



ED77E6



FF66F6



ED77AC



756A75



B500AA

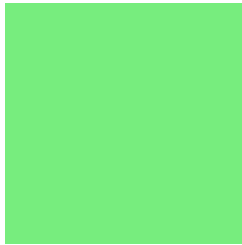


360032



# Previews

## White Background



This preview shows how the Hex color 77ED7E 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 77ED7E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

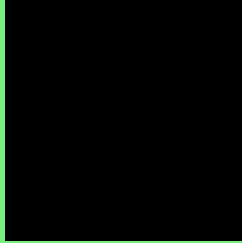
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 77ED7E Background



This preview shows how black text looks on a background with the Hex color 77ED7E.

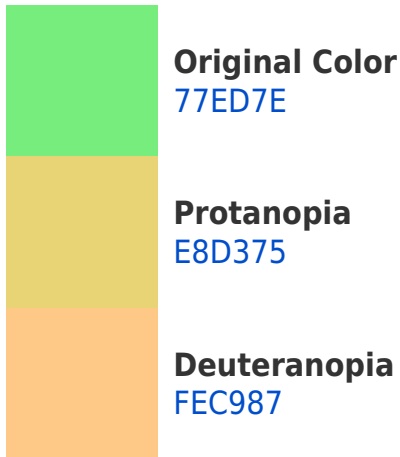


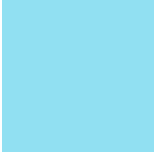
This preview shows how white text looks on a background with the Hex color 77ED7E.

# 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



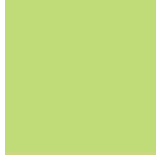


**Tritanopia**  
91E0F2

# Trichromacy



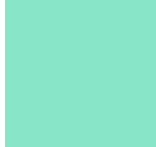
**Original Color**  
77ED7E



**Protanomaly**  
BFDC78



**Deuteranomaly**  
CDD684



**Tritanomaly**  
88E5C8

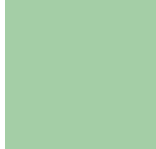
# Monochromacy



**Original Color**  
77ED7E



**Achromatopsia**  
BDBDBD



**Achromatomaly**  
A4CEA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77ED7E 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 #77ED7E looks like.

```
.text, #text, p{  
    color:#77ED7E  
}
```

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 #77ED7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77ED7E
}
```

## Border

The CSS property to change the border of an element to Hex 77ED7E 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
#77ED7E }
```

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

```
.border{ border-color:#77ED7E }
```

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

Here you see how a box with a 4 pixel #77ED7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77ED7E; -webkit-box-shadow:4px 4px  
4px 4px #77ED7E; box-shadow:4px 4px 4px  
4px #77ED7E }
```

# Background

The CSS property to change the background color of an element to Hex 77ED7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77ED7E }
```

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

```
.background{ background-color:#77ED7E }
```

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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