

# Converting Colors

Hex(79EA7E)

Have a look what the booklet for  
Hex(79EA7E) contains.

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# **Color**

**Hex(79EA7E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79EA7E
RGB	121, 234, 126
RGB Percent	47%, 92%, 49%
CMY	0.5255, 0.0824, 0.5059
CMYK	0.48, 0.00, 0.46, 0.08
HSL	123°, 73%, 70%
HSV	123°, 48%, 92%
XYZ	41.0739, 64.4169, 30.0076
YIQ	187.9010, -32.6800, -57.5440

# Conversions

## Conversions Part 2

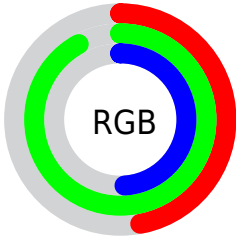
Format	Color
<a href="#">RYB</a>	<a href="#">121, 229, 234</a>
Decimal	<a href="#">7989886</a>
CIELab	<a href="#">84.18, -53.80, 42.58</a>
CIElCh	<a href="#">84, 68.610, 141.645</a>
Yxy	<a href="#">64.4169, 0.3031, 0.4754</a>
Android (android.graphics.Color)	<a href="#">4286179966 (0xFF79EA7E)</a>
YUV	<a href="#">187.9010, -30.5172, -58.6722</a>
Hunter-Lab	<a href="#">80.2602, -49.1063, 34.0149</a>

# Details

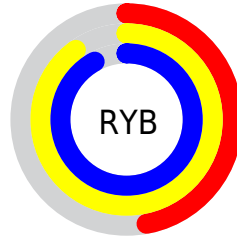
The Hex color **79EA7E** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **EA79E5**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **B3FFB4**, and **3CB14A** is the 20% darker color. If you saturate the color by 10%, you get **62EA68**, and if you desaturate by 10%, it is **90EA94**.

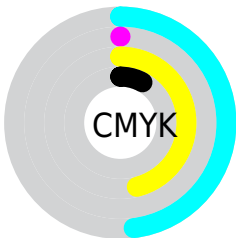
# Distribution



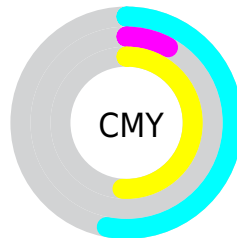
- Red (47%)
- Green (92%)
- Blue (49%)



- Red (47%)
- Yellow (90%)
- Blue (92%)



- Cyan (48%)
- Magenta (0%)
- Yellow (46%)
- Black (8%)



- Cyan (53%)
- Magenta (8%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79EA7E 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 79EA7E by changing the saturation by 10% instead.



 79EA7E

 79EA7E

FFFFFF

 5BCD64

 B3FFB4

 3CB14A

 D1FFD0

 129631

 EFFFED

 007B16

 006100

 004800

 003200

 001700

 000000

 79EA7E

 79EA7E

 62EA68

 90EA94

 4AEA51

 A8EAAB

 33EA3B

 BFEAC1

 1BEA25

 D7EAD7

 04EA0E

 EEEAEE

 00EA0A

 FFEAFF

# Harmonies

## Analogous

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



C8DD51



79EA7E



00F1BD

# Triad

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



79EA7E



00DEFF



FF9BA6

# Complementary

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



79EA7E



EA79E5

# 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.



FF9AE7



79EA7E



B6C8FF

# Square

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



79EA7E



00ECFF



FFAEFF



FFAF6E

# Rectangle

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



79EA7E



00F2EA



FFAEFF



FF98BB

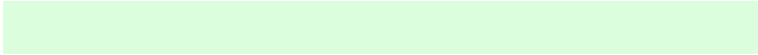


# Sweetspot

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



79EA7E



DBFFDD



E6EA79



6A806B



000000



808080



# Same Dimension

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



79EA7E



6BFF72



79EAB5



6A756A



00B508



003602



# Inverse Universe

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



EA79E5



FF6BF8



EA79AE



756A75



B500AD

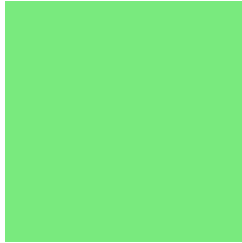


360033



# Previews

## White Background



This preview shows how the Hex color 79EA7E looks on a white background.

## Color Contrast Check

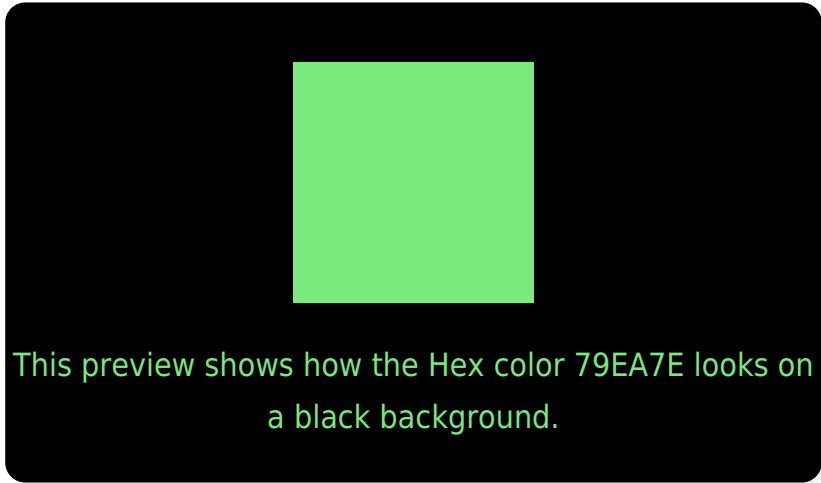
Large Text (above 18pt) WCAG AA × Fail

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

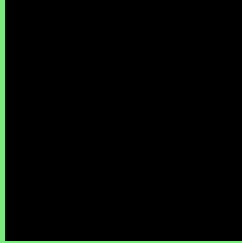
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 79EA7E Background



This preview shows how black text looks on a background with the Hex color 79EA7E.

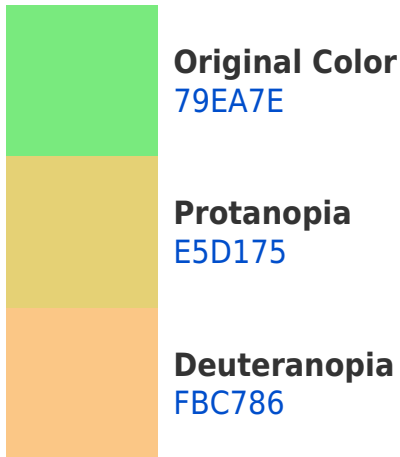


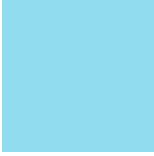
This preview shows how white text looks on a background with the Hex color 79EA7E.

# 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



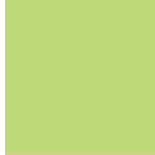


**Tritanopia**  
91DDEF

# Trichromacy



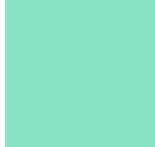
**Original Color**  
79EA7E



**Protanomaly**  
BEDA78



**Deuteranomaly**  
CCD483



**Tritanomaly**  
88E2C6

# Monochromacy



**Original Color**  
79EA7E



**Achromatopsia**  
BCBCBC



**Achromatomaly**  
A4CDA5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79EA7E 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 #79EA7E looks like.

```
.text, #text, p{  
    color:#79EA7E  
}
```

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 #79EA7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79EA7E
}
```

## Border

The CSS property to change the border of an element to Hex 79EA7E 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
#79EA7E }
```

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

```
.border{ border-color:#79EA7E }
```

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

Here you see how a box with a 4 pixel #79EA7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79EA7E; -webkit-box-shadow:4px 4px  
4px 4px #79EA7E; box-shadow:4px 4px 4px  
4px #79EA7E }
```

# Background

The CSS property to change the background color of an element to Hex 79EA7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79EA7E }
```

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

```
.background{ background-color:#79EA7E }
```

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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