

Converting Colors

Hex(97EA7C)

Have a look what the booklet for
Hex(97EA7C) contains.

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Color

Hex(97EA7C)

Conversions

Conversions Part 1

Format	Color
Hex	97EA7C
RGB	151, 234, 124
RGB Percent	59%, 92%, 49%
CMY	0.4078, 0.0824, 0.5137
CMYK	0.35, 0.00, 0.47, 0.08
HSL	105°, 72%, 70%
HSV	105°, 47%, 92%
XYZ	45.8234, 66.8802, 29.5628
YIQ	196.6430, -14.1580, -51.8060

Conversions

Conversions Part 2

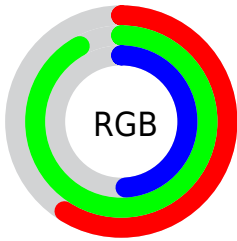
Format	Color
RYB	124, 234, 207
Decimal	9955964
CIELab	85.44, -45.20, 45.40
CIELCh	85, 64.058, 134.873
Yxy	66.8802, 0.3221, 0.4701
Android (android.graphics.Color)	4288146044 (0xFF97EA7C)
YUV	196.6430, -35.8130, -40.0289
Hunter-Lab	81.7803, -43.0978, 35.8134

Details

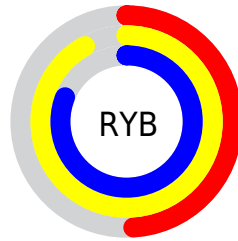
The Hex color **97EA7C** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **CF7CEA**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **D0FFB2**, and **5FB248** is the 20% darker color. If you saturate the color by 10%, you get **85EA65**, and if you desaturate by 10%, it is **A9EA93**.

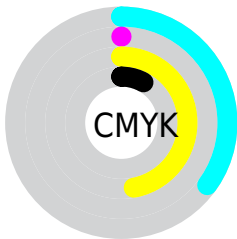
Distribution



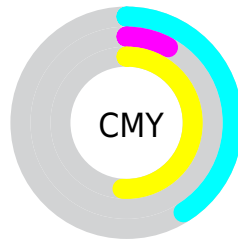
- Red (59%)
- Green (92%)
- Blue (49%)



- Red (49%)
- Yellow (92%)
- Blue (81%)



- Cyan (35%)
- Magenta (0%)
- Yellow (47%)
- Black (8%)



- Cyan (41%)
- Magenta (8%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97EA7C 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 97EA7C by changing the saturation by 10% instead.

 97EA7C

 97EA7C

FFFFFF

 7BCD62

 D0FFB2

 5FB248

 EEFFCE

 43972E

 FFFFEB

 247C12

 006300

 004A00

 003200

 001C00

 000000

 97EA7C

 97EA7C

 85EA65

 A9EA93

 74EA4D

 BAEAAB

 62EA36

 CCEAC2

 50EA1E

 DEEADA

 3FEA07

 EFEAF1

 39EA00

 FFEAFF

Harmonies

Analogous

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



DBDC5A



97EA7C



14F2B4

Triad

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



97EA7C



00E5FF



FFA2BA

Complementary

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



97EA7C



CF7CEA

Split Complementary

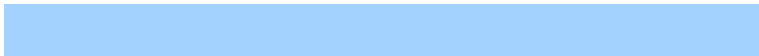
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA5F7



97EA7C



A4D2FF

Square

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



97EA7C



00F0FF



FFB9FF



FFB183

Rectangle

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



97EA7C



00F4DE



FFB9FF



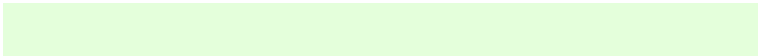
FFA1CE

Sweetspot

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



97EA7C



E4FFDB



EACE7C



6F806A



000000



808080

Same Dimension

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



97EA7C



93FF70



7CEA98



6C756A



2CB500



0D3600

Inverse Universe

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



CF7CEA



DC70FF



EA7CCE



726A75



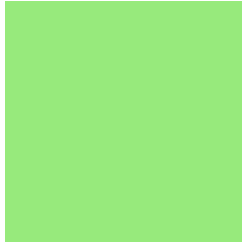
8900B5



280036

Previews

White Background



This preview shows how the Hex color 97EA7C looks on a white background.

Color Contrast Check

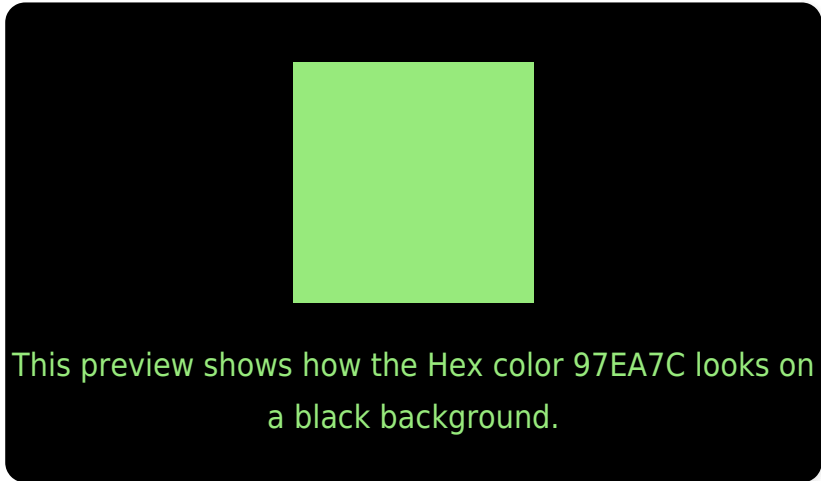
Large Text (above 18pt) WCAG AA × Fail

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

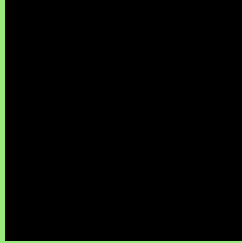
Any Text WCAG AA ✓ Pass

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 97EA7C Background



This preview shows how black text looks on a background with the Hex color 97EA7C.

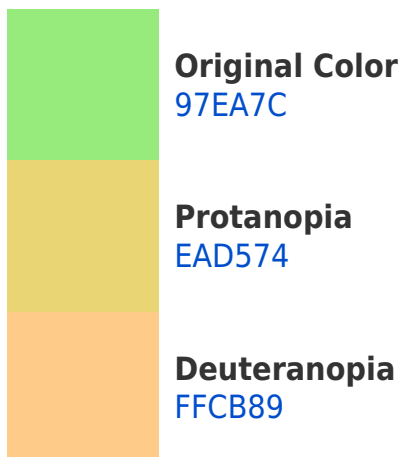


This preview shows how white text looks on a background with the Hex color 97EA7C.

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



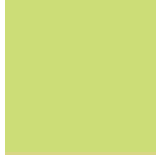


Tritanopia
ABDDEF

Trichromacy



Original Color
97EA7C



Protanomaly
CCDD77



Deuteranomaly
D9D684



Tritanomaly
A4E2C5

Monochromacy



Original Color
97EA7C



Achromatopsia
C5C5C5



Achromatomaly
B4D2AA

CSS Examples

Text

The CSS property to change the color of the text to Hex 97EA7C 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 #97EA7C looks like.

```
.text, #text, p{  
    color:#97EA7C  
}
```

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 #97EA7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97EA7C
}
```

Border

The CSS property to change the border of an element to Hex 97EA7C 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
#97EA7C }
```

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

```
.border{ border-color:#97EA7C }
```

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

Here you see how a box with a 4 pixel #97EA7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97EA7C; -webkit-box-shadow:4px 4px  
4px 4px #97EA7C; box-shadow:4px 4px 4px  
4px #97EA7C }
```

Background

The CSS property to change the background color of an element to Hex 97EA7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97EA7C }
```

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

```
.background{ background-color:#97EA7C }
```

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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