

Converting Colors

Hex(7EE7AF)

Have a look what the booklet for
Hex(7EE7AF) contains.

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Color

Hex(7EE7AF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7EE7AF |
| RGB | 126, 231, 175 |
| RGB Percent | 49%, 91%, 69% |
| CMY | 0.5059, 0.0941, 0.3137 |
| CMYK | 0.45, 0.00, 0.24, 0.09 |
| HSL | 148°, 69%, 70% |
| HSV | 148°, 45%, 91% |
| XYZ | 44.9180, 64.6826, 50.6750 |
| YIQ | 193.2210, -44.6040, -39.6760 |

Conversions

Conversions Part 2

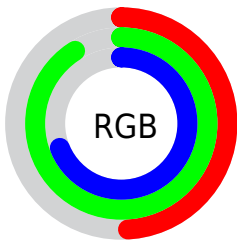
| Format | Color |
|-------------------------------------|--|
| RYB | 126, 198, 231 |
| Decimal | 8316847 |
| CIELab | 84.32, -42.95, 17.97 |
| CIELCh | 84, 46.562, 157.293 |
| Yxy | 64.6826, 0.2803, 0.4036 |
| Android (android.graphics.Color) | 4286506927 (0xFF7EE7AF) |
| YUV | 193.2210, -8.9830, -58.9528 |
| Hunter-Lab | 80.4255, -41.0516, 18.9400 |

Details

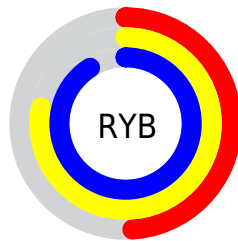
The Hex color **7EE7AF** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E77EB6**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **B7FFE7**, and **44AF7A** is the 20% darker color. If you saturate the color by 10%, you get **67E7A3**, and if you desaturate by 10%, it is **95E7BB**.

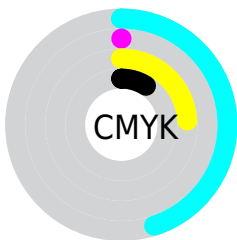
Distribution



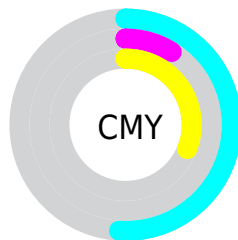
- Red (49%)
- Green (91%)
- Blue (69%)



- Red (49%)
- Yellow (78%)
- Blue (91%)



- Cyan (45%)
- Magenta (0%)
- Yellow (24%)
- Black (9%)



- Cyan (51%)
- Magenta (9%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EE7AF 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 7EE7AF by changing the saturation by 10% instead.

 7EE7AF

 7EE7AF

FFFFFF

 62CB94

 B7FFE7

 44AF7A

 D4FFFF

 239461

 F2FFFF

 007949

 006032

 00471D

 003005

 001800

 000000

 7EE7AF

 7EE7AF

 67E7A3

 95E7BB

 50E796

 ACE7C8

 39E78A

 C3E7D4

 22E77E

 DAE7E0

 0AE771

 F2E7ED

 00E76C

 FFE7F9

 FFE7FF

Harmonies

Analogous

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



B5DF8B



7EE7AF



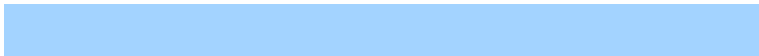
36EADC

Triad

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



7EE7AF



A3D3FF



FFB69F

Complementary

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



7EE7AF



E77EB6

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.



FFB0C9



7EE7AF



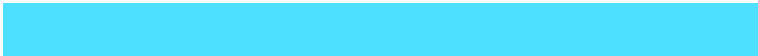
E5C3FF

Square

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



7EE7AF



4EE0FF



FFB5F5



FFC482

Rectangle

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



7EE7AF



00E9F9



FFB5F5



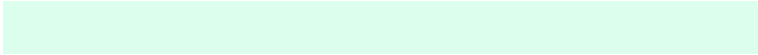
FFB3AC

Sweetspot

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



7EE7AF



DBFFEC



B6E77E



6A8074



000000



808080

Same Dimension

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



7EE7AF



73FFB4



7EE7E4



67736D



00B353



003318

Inverse Universe

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



E77EB6



FF73BE



E77E82



73676D



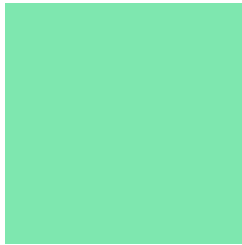
B3005F



33001B

Previews

White Background



This preview shows how the Hex color 7EE7AF 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 7EE7AF Background



This preview shows how black text looks on a background with the Hex color 7EE7AF.

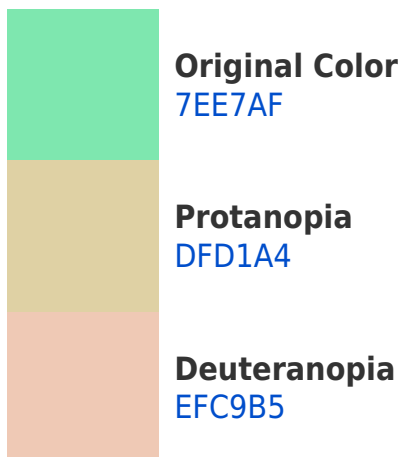


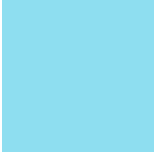
This preview shows how white text looks on a background with the Hex color 7EE7AF.

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
8EDEF0

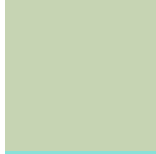
Trichromacy



Original Color
7EE7AF



Protanomaly
BCD9A8



Deuteranomaly
C6D4B3

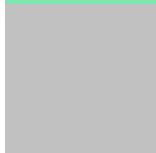


Tritanomaly
88E1D8

Monochromacy



Original Color
7EE7AF



Achromatopsia
C1C1C1



Achromatomaly
A9CFBA

CSS Examples

Text

The CSS property to change the color of the text to Hex 7EE7AF 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 #7EE7AF looks like.

```
.text, #text, p{  
    color:#7EE7AF  
}
```

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 #7EE7AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EE7AF  
}
```

Border

The CSS property to change the border of an element to Hex 7EE7AF 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  
#7EE7AF }
```

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

```
.border{ border-color:#7EE7AF }
```

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

Here you see how a box with a 4 pixel #7EE7AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EE7AF; -webkit-box-shadow:4px 4px  
4px 4px #7EE7AF; box-shadow:4px 4px 4px  
4px #7EE7AF }
```

Background

The CSS property to change the background color of an element to Hex 7EE7AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EE7AF }
```

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

```
.background{ background-color:#7EE7AF }
```

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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