

Converting Colors

Hex(87E9AD)

Have a look what the booklet for
Hex(87E9AD) contains.

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Color

Hex(87E9AD)

Conversions

Conversions Part 1

Format	Color
Hex	87E9AD
RGB	135, 233, 173
RGB Percent	53%, 91%, 68%
CMY	0.4706, 0.0863, 0.3216
CMYK	0.42, 0.00, 0.26, 0.09
HSL	143°, 69%, 72%
HSV	143°, 42%, 91%
XYZ	46.6734, 66.4459, 49.9005
YIQ	196.8580, -39.1480, -39.4360

Conversions

Conversions Part 2

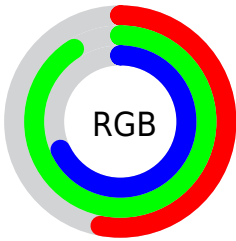
Format	Color
RYB	135, 206, 233
Decimal	8907181
CIELab	85.22, -41.84, 20.33
CIELCh	85, 46.513, 154.089
Yxy	66.4459, 0.2863, 0.4076
Android (android.graphics.Color)	4287097261 (0xFF87E9AD)
YUV	196.8580, -11.7620, -54.2495
Hunter-Lab	81.5143, -40.4447, 20.7645

Details

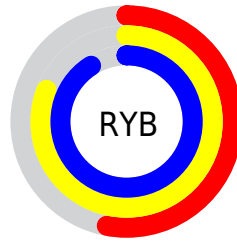
The Hex color **87E9AD** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E987C3**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **C0FFE5**, and **4FB178** is the 20% darker color. If you saturate the color by 10%, you get **70E99F**, and if you desaturate by 10%, it is **9EE9BB**.

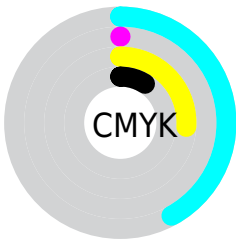
Distribution



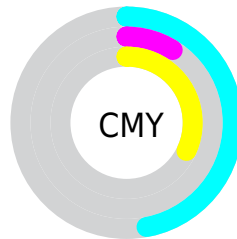
- Red (53%)
- Green (91%)
- Blue (68%)



- Red (53%)
- Yellow (81%)
- Blue (91%)



- Cyan (42%)
- Magenta (0%)
- Yellow (26%)
- Black (9%)



- Cyan (47%)
- Magenta (9%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87E9AD 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 87E9AD by changing the saturation by 10% instead.

 87E9AD

 87E9AD

FFFFFF

 6BCD92

 C0FFE5

 4FB178

 DDFFFF

 31965F

 FBFFFF

 067B47

 006230

 00491B

 003102

 001B00

 000000

 87E9AD

 87E9AD

 70E99F

 9EE9BB

 58E990

 B6E9CA

 41E982

 CDE9D8

 2AE974

 E4E9E6

 13E966

 FCE9F4

 00E95A

 FFE9FF

Harmonies

Analogous

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



BDE18A



87E9AD



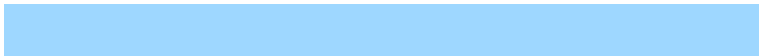
44ECDA

Triad

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



87E9AD



9ED7FF



FFB7A6

Complementary

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



87E9AD



E987C3

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.



FFB2D0



87E9AD



E2C7FF

Square

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



87E9AD



48E4FF



FFB9FC



FFC587

Rectangle

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



87E9AD



00ECF7



FFB9FC



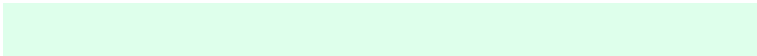
FFB4B3

Sweetspot

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



87E9AD



DEFFEB



C3E987



6B8073



000000



808080

Same Dimension

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



87E9AD



80FFB1



87E9DE



6A756E



00B546



003615

Inverse Universe

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



E987C3



FF80CE



E98792



756A71



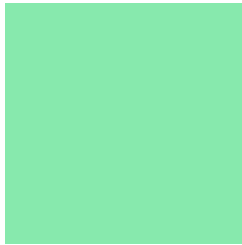
B5006F



360021

Previews

White Background



This preview shows how the Hex color 87E9AD looks on a white background.

Color Contrast Check

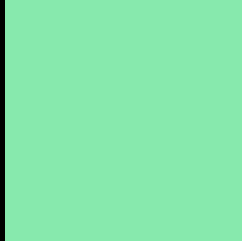
Large Text (above 18pt) WCAG AA × Fail

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 87E9AD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

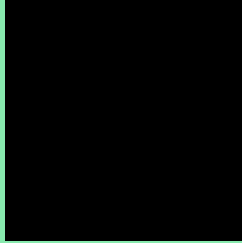
Any Text WCAG AA ✓ Pass

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 87E9AD Background



This preview shows how black text looks on a background with the Hex color 87E9AD.

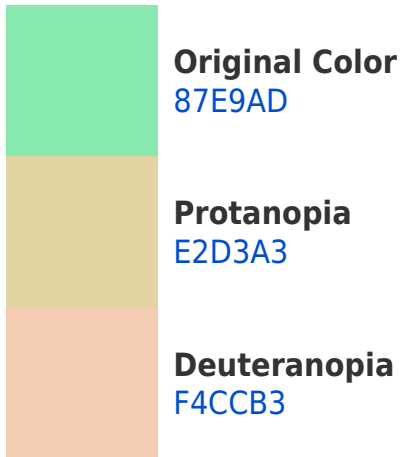


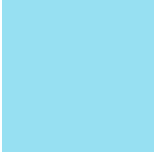
This preview shows how white text looks on a background with the Hex color 87E9AD.

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



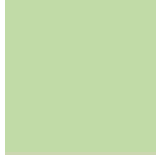


Tritanopia
97E0F2

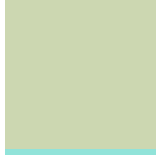
Trichromacy



Original Color
87E9AD



Protanomaly
C1DBA7



Deuteranomaly
CCD7B1



Tritanomaly
91E3D9

Monochromacy



Original Color
87E9AD



Achromatopsia
C5C5C5



Achromatomaly
AED2BC

CSS Examples

Text

The CSS property to change the color of the text to Hex 87E9AD 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 #87E9AD looks like.

```
.text, #text, p{  
    color:#87E9AD  
}
```

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 #87E9AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87E9AD
}
```

Border

The CSS property to change the border of an element to Hex 87E9AD 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
#87E9AD }
```

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

```
.border{ border-color:#87E9AD }
```

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

Here you see how a box with a 4 pixel #87E9AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87E9AD; -webkit-box-shadow:4px 4px  
4px 4px #87E9AD; box-shadow:4px 4px 4px  
4px #87E9AD }
```

Background

The CSS property to change the background color of an element to Hex 87E9AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87E9AD }
```

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

```
.background{ background-color:#87E9AD }
```

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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