

# Converting Colors

Hex(87F3AD)

Have a look what the booklet for  
Hex(87F3AD) contains.

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# **Color**

**Hex(87F3AD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87F3AD
RGB	135, 243, 173
RGB Percent	53%, 95%, 68%
CMY	0.4706, 0.0471, 0.3216
CMYK	0.44, 0.00, 0.29, 0.05
HSL	141°, 82%, 74%
HSV	141°, 44%, 95%
XYZ	49.5851, 72.2692, 50.8711
YIQ	202.7280, -41.8980, -44.6660

# Conversions

## Conversions Part 2

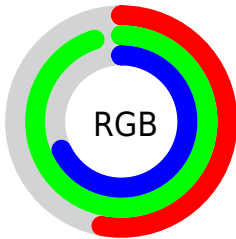
<b>Format</b>	<b>Color</b>
<b>RYB</b>	135, 215, 243
Decimal	8909741
CIELab	88.10, -46.19, 24.29
CIELCh	88, 52.187, 152.263
Yxy	72.2692, 0.2871, 0.4184
Android (android.graphics.Color)	4287099821 (0xFF87F3AD)
YUV	202.7280, -14.6559, -59.3975
Hunter-Lab	85.0113, -44.6549, 24.0285

# Details

The Hex color **87F3AD** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F387CD**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **C1FFE5**, and **4DBA78** is the 20% darker color. If you saturate the color by 10%, you get **6FF39D**, and if you desaturate by 10%, it is **9FF3BD**.

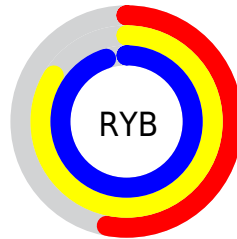
# Distribution



Red (53%)

Green (95%)

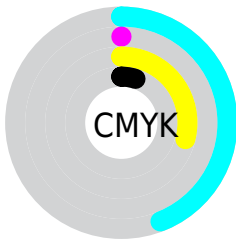
Blue (68%)



Red (53%)

Yellow (84%)

Blue (95%)

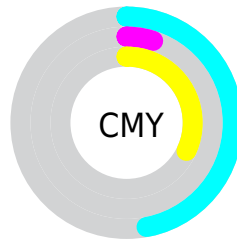


Cyan (44%)

Magenta (0%)

Yellow (29%)

Black (5%)



Cyan (47%)

Magenta (5%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 87F3AD 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 87F3AD by changing the saturation by 10% instead.



 87F3AD

 87F3AD

FFFFFF

 6AD692

 C1FFE5

 4DBA78

 DEFFFF

 2D9F5F

 FCFFFF

 008447

 006A30

 005119

 003901

 002300

 000000

 87F3AD

 87F3AD

 6FF39D

 9FF3BD

 56F38E

 B8F3CC

 3EF37E

 D0F3DC

 26F36E

 E8F3EC

 0EF35E

 FFF3FC

 00F356

 FFF3FF

# Harmonies

## Analogous

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



C5EA87



87F3AD



26F7DF

# Triad

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



87F3AD



95E1FF



FFBAAB

# Complementary

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



87F3AD



F387CD

# 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.



FFB5DB



87F3AD



E7CFFF

# Square

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



87F3AD



00EEFF



FFBDFD



FFCA86

# Rectangle

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



87F3AD



00F7FF



FFBDFD



FFB7BA

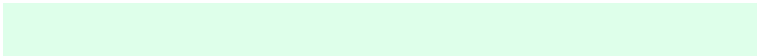


# Sweetspot

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



87F3AD



DEFFEA



CDF387



6B8072



000000



808080



# Same Dimension

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



87F3AD



78FFA7



87F3E3



6E7A72



00BA41



003B15



# Inverse Universe

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



F387CD



FF78CF



F38797



7A6E76



BA0079

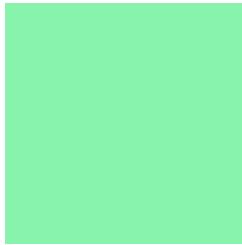


3B0026



# Previews

## White Background



This preview shows how the Hex color 87F3AD looks on a white background.

## Color Contrast Check

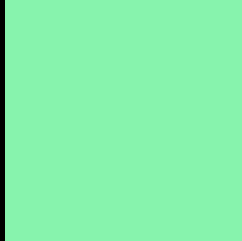
Large Text (above 18pt) WCAG AA × Fail

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 87F3AD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

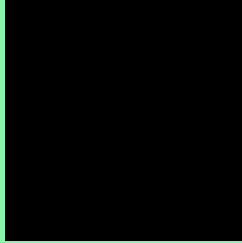
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

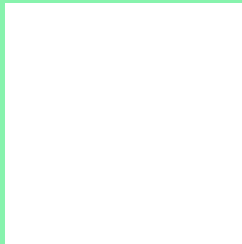
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 87F3AD Background



This preview shows how black text looks on a background with the Hex color 87F3AD.

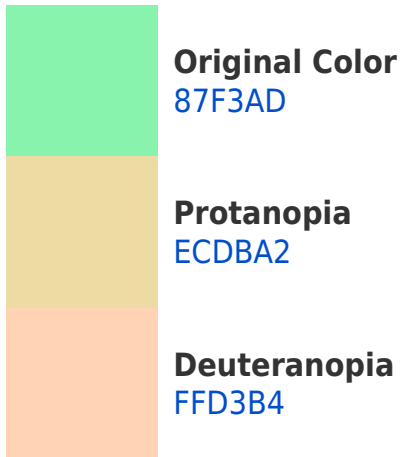


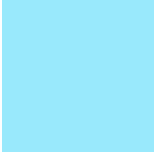
This preview shows how white text looks on a background with the Hex color 87F3AD.

# 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



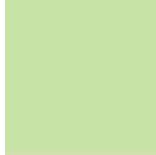


**Tritanopia**  
99E9FC

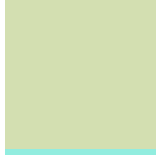
# Trichromacy



**Original Color**  
87F3AD



**Protanomaly**  
C7E4A6



**Deuteranomaly**  
D3DFB1



**Tritanomaly**  
92EDDF

# Monochromacy



**Original Color**  
87F3AD



**Achromatopsia**  
CBCBCB



**Achromatomaly**  
B2DAC0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 87F3AD 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 #87F3AD looks like.

```
.text, #text, p{  
    color:#87F3AD  
}
```

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 #87F3AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87F3AD
}
```

## Border

The CSS property to change the border of an element to Hex 87F3AD 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
#87F3AD }
```

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

```
.border{ border-color:#87F3AD }
```

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

Here you see how a box with a 4 pixel #87F3AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87F3AD; -webkit-box-shadow:4px 4px  
4px 4px #87F3AD; box-shadow:4px 4px 4px  
4px #87F3AD }
```

# Background

The CSS property to change the background color of an element to Hex 87F3AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87F3AD }
```

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

```
.background{ background-color:#87F3AD }
```

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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