

# Converting Colors

Hex(87E892)

Have a look what the booklet for  
Hex(87E892) contains.

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**Color**

**Hex(87E892)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87E892
RGB	135, 232, 146
RGB Percent	53%, 91%, 57%
CMY	0.4706, 0.0902, 0.4275
CMYK	0.42, 0.00, 0.37, 0.09
HSL	127°, 68%, 72%
HSV	127°, 42%, 91%
XYZ	44.0366, 64.9394, 37.4077
YIQ	193.1930, -30.2060, -47.3100

# Conversions

## Conversions Part 2

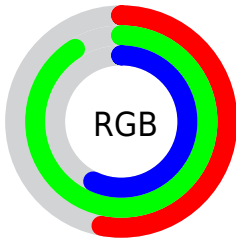
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">135, 222, 232</a>
Decimal	<a href="#">8906898</a>
CIELab	<a href="#">84.45, -46.09, 33.12</a>
CIElCh	<a href="#">84, 56.753, 144.300</a>
Yxy	<a href="#">64.9394, 0.3008, 0.4436</a>
Android (android.graphics.Color)	<a href="#">4287096978 (0xFF87E892)</a>
YUV	<a href="#">193.1930, -23.2661, -51.0353</a>
Hunter-Lab	<a href="#">80.5850, -43.4804, 28.8870</a>

# Details

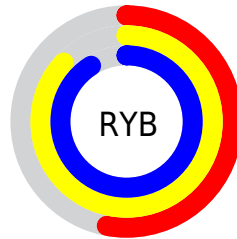
The Hex color **87E892** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E887DD**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **C0FFC9**, and **4EB05E** is the 20% darker color. If you saturate the color by 10%, you get **70E87D**, and if you desaturate by 10%, it is **9EE8A7**.

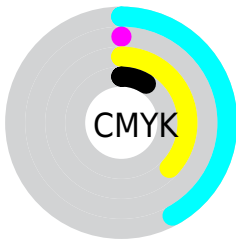
# Distribution



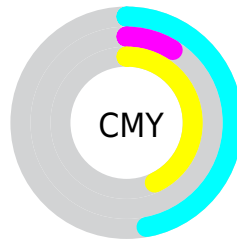
- Red (53%)
- Green (91%)
- Blue (57%)



- Red (53%)
- Yellow (87%)
- Blue (91%)



- Cyan (42%)
- Magenta (0%)
- Yellow (37%)
- Black (9%)



- Cyan (47%)
- Magenta (9%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 87E892 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 87E892 by changing the saturation by 10% instead.



 87E892

 87E892

FFFFFF

 6BCB78

 C0FFC9

 4EB05E

 DDFFE5

 309446

 FBFFFF

 047A2E

 006016

 004800

 003000

 001800

 000000

 87E892

 87E892

 70E87D

 9EE8A7

 59E869

 B5E8BB

 41E854

 CDE8D0

 2AE840

 E4E8E4

 13E82B

 FBE8F9

 00E81A

 FFE8FF

# Harmonies

## Analogous

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



C7DD6E



87E892



00EEC6

# Triad

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



87E892



5ADBFF



FFA9AA

# Complementary

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



87E892



E887DD

# 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.



FFA7DF



87E892



C7C9FF

# Square

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



87E892



00E8FF



FFB4FF



FFB97D

# Rectangle

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



87E892



00EEEE



FFB4FF



FFA7BB

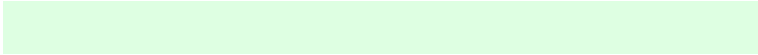


# Sweetspot

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



87E892



DEFFE2



DEE887



6B806D



000000



808080



# Same Dimension

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



87E892



80FF8E



87E8C1



677369



00B314



003306



# Inverse Universe

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



E887DD



FF80F1



E887AE



736771



B3009E

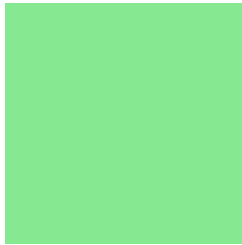


33002D



# Previews

## White Background



This preview shows how the Hex color 87E892 looks on a white background.

## Color Contrast Check

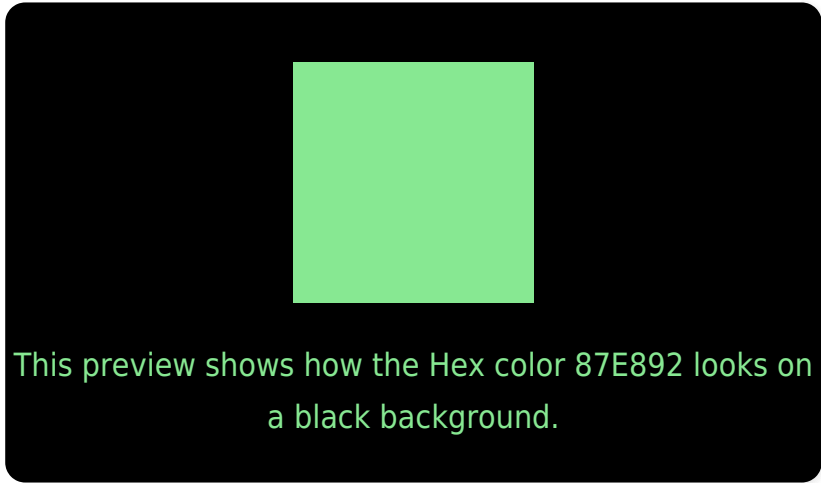
Large Text (above 18pt) WCAG AA × Fail

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

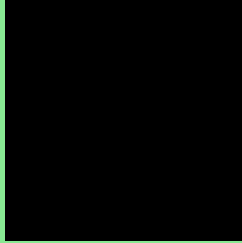
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 87E892 Background



This preview shows how black text looks on a background with the Hex color 87E892.

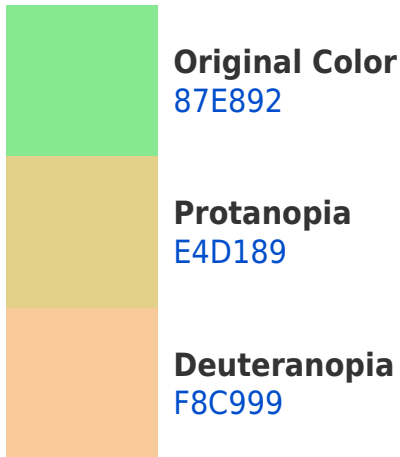


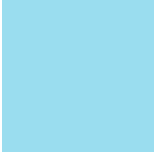
This preview shows how white text looks on a background with the Hex color 87E892.

# 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



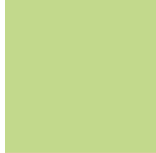


**Tritanopia**  
9ADDEF

# Trichromacy



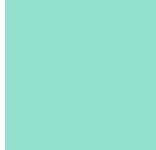
**Original Color**  
87E892



**Protanomaly**  
C2D98C



**Deuteranomaly**  
CFD496

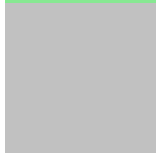


**Tritanomaly**  
93E1CD

# Monochromacy



**Original Color**  
87E892



**Achromatopsia**  
C1C1C1



**Achromatomaly**  
ACCFB0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 87E892 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 #87E892 looks like.

```
.text, #text, p{  
    color:#87E892  
}
```

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 #87E892 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87E892
}
```

## Border

The CSS property to change the border of an element to Hex 87E892 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
#87E892 }
```

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

```
.border{ border-color:#87E892 }
```

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

Here you see how a box with a 4 pixel #87E892 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87E892; -webkit-box-shadow:4px 4px  
4px 4px #87E892; box-shadow:4px 4px 4px  
4px #87E892 }
```

# Background

The CSS property to change the background color of an element to Hex 87E892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87E892 }
```

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

```
.background{ background-color:#87E892 }
```

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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