

Converting Colors

Hex(87C98E)

Have a look what the booklet for
Hex(87C98E) contains.

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Color

Hex(87C98E)

Conversions

Conversions Part 1

Format	Color
Hex	87C98E
RGB	135, 201, 142
RGB Percent	53%, 79%, 56%
CMY	0.4706, 0.2118, 0.4431
CMYK	0.33, 0.00, 0.29, 0.21
HSL	126°, 38%, 66%
HSV	126°, 33%, 79%
XYZ	35.7608, 48.8772, 33.1406
YIQ	174.5400, -20.3970, -32.3410

Conversions

Conversions Part 2

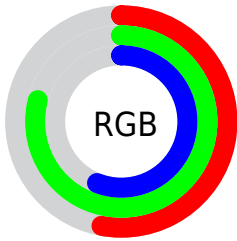
Format	Color
RYB	135, 195, 201
Decimal	8898958
CIELab	75.37, -32.90, 23.01
CIELCh	75, 40.145, 145.029
Yxy	48.8772, 0.3036, 0.4150
Android (android.graphics.Color)	4287089038 (0xFF87C98E)
YUV	174.5400, -16.0422, -34.6766
Hunter-Lab	69.9122, -31.0418, 20.8332

Details

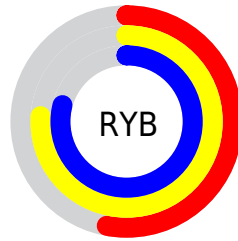
The Hex color **87C98E** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C987C2**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **BEFFC4**, and **52935B** is the 20% darker color. If you saturate the color by 10%, you get **73C97C**, and if you desaturate by 10%, it is **9BC9A0**.

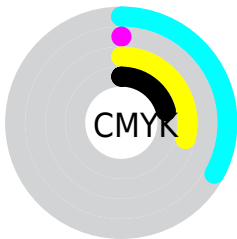
Distribution



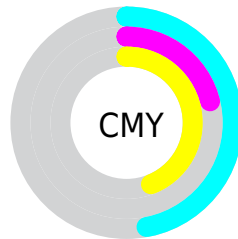
- Red (53%)
- Green (79%)
- Blue (56%)



- Red (53%)
- Yellow (76%)
- Blue (79%)



- Cyan (33%)
- Magenta (0%)
- Yellow (29%)
- Black (21%)



- Cyan (47%)
- Magenta (21%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87C98E 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 87C98E by changing the saturation by 10% instead.

 87C98E

 87C98E

FFFFFF

 6CAD74

 BEFFC4

 52935B

 DAFFE0

 387843

 F7FFFD

 1D5F2C

 004716

 003000

 001B00

 000000

 87C98E

 87C98E

 73C97C

 9BC9A0

 5FC96A

 AFC9B2

 4BC958

 C3C9C4

 37C946

 D7C9D6

 23C934

 ECC9E8

 0EC922

 FFC9FA

 00C915

 FFC9FF

Harmonies

Analogous

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



B2C175



87C98E



56CDB2

Triad

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



87C98E



79BFFF



FF9F9C

Complementary

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



87C98E



C987C2

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.



FC9DC1



87C98E



B5B2FD

Square

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



87C98E



36C8F5



E2A5E5



F4A87E

Rectangle

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



87C98E



31CDCC



E2A5E5



FF9DA8

Sweetspot

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



87C98E



E6FFE8



C2C987



708072



000000



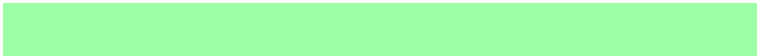
808080

Same Dimension

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



87C98E



9CFFA6



87C9AF



5A635B



00A311



002404

Inverse Universe

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



C987C2



FF9CF4



C987A1



635A62



A30092



240020

Previews

White Background



This preview shows how the Hex color 87C98E looks on a white background.

Color Contrast Check

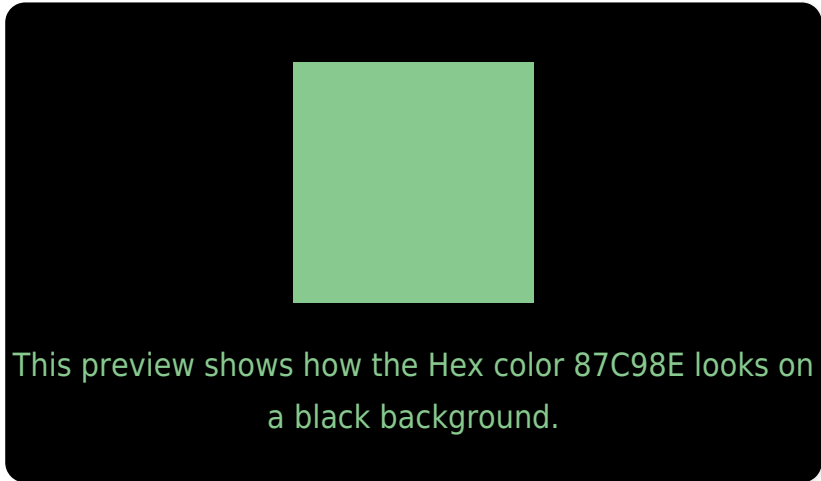
Large Text (above 18pt) WCAG AA × Fail

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

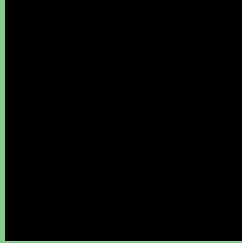
Any Text WCAG AA ✓ Pass

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 87C98E Background



This preview shows how black text looks on a background with the Hex color 87C98E.

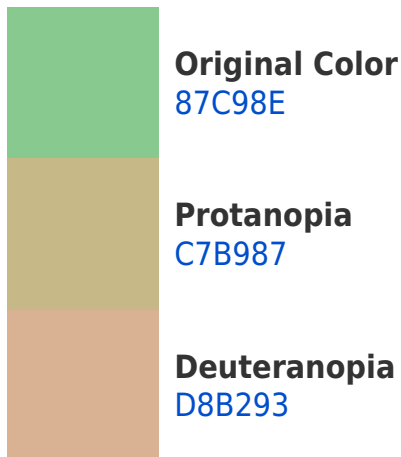


This preview shows how white text looks on a background with the Hex color 87C98E.

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
94C1D0

Trichromacy



Original Color
87C98E



Protanomaly
B0BF8A



Deuteranomaly
BBBA91



Tritanomaly
8FC4B8

Monochromacy



Original Color
87C98E



Achromatopsia
AFAFAF



Achromatomaly
A0B8A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 87C98E 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 #87C98E looks like.

```
.text, #text, p{  
    color:#87C98E  
}
```

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 #87C98E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87C98E
}
```

Border

The CSS property to change the border of an element to Hex 87C98E 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
#87C98E }
```

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

```
.border{ border-color:#87C98E }
```

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

Here you see how a box with a 4 pixel #87C98E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87C98E; -webkit-box-shadow:4px 4px  
4px 4px #87C98E; box-shadow:4px 4px 4px  
4px #87C98E }
```

Background

The CSS property to change the background color of an element to Hex 87C98E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87C98E }
```

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

```
.background{ background-color:#87C98E }
```

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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