

Converting Colors

Hex(87ED8C)

Have a look what the booklet for
Hex(87ED8C) contains.

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Color

Hex(87ED8C)

Conversions

Conversions Part 1

Format	Color
Hex	87ED8C
RGB	135, 237, 140
RGB Percent	53%, 93%, 55%
CMY	0.4706, 0.0706, 0.4510
CMYK	0.43, 0.00, 0.41, 0.07
HSL	123°, 74%, 73%
HSV	123°, 43%, 93%
XYZ	45.0095, 67.6127, 35.4893
YIQ	195.4440, -29.6550, -51.7910

Conversions

Conversions Part 2

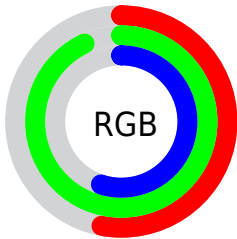
Format	Color
RYB	135, 232, 237
Decimal	8908172
CIELab	85.81, -49.12, 37.90
CIELCh	86, 62.043, 142.348
Yxy	67.6127, 0.3039, 0.4565
Android (android.graphics.Color)	4287098252 (0xFF87ED8C)
YUV	195.4440, -27.3339, -53.0094
Hunter-Lab	82.2270, -46.1896, 31.9692

Details

The Hex color **87ED8C** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **ED87E8**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **C1FFC3**, and **4EB458** is the 20% darker color. If you saturate the color by 10%, you get **6FED75**, and if you desaturate by 10%, it is **9FEDA3**.

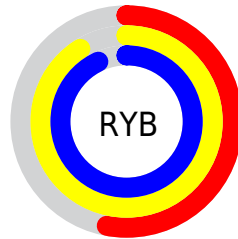
Distribution



Red (53%)

Green (93%)

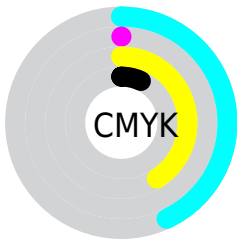
Blue (55%)



Red (53%)

Yellow (91%)

Blue (93%)

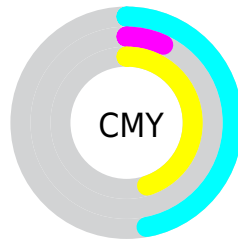


Cyan (43%)

Magenta (0%)

Yellow (41%)

Black (7%)



Cyan (47%)

Magenta (7%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87ED8C 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 87ED8C by changing the saturation by 10% instead.

 87ED8C

 87ED8C

FFFFFF

 6AD072

 C1FFC3

 4EB458

 DEFFDF

 2E993F

 FCFFFC

 007E27

 00650C

 004C00

 003400

 001D00

 000000

 87ED8C

 87ED8C

 6FED75

 9FEDA3

 58ED5F

 B6EDB9

 40ED48

 CEEDD0

 28ED32

 E6EDE6

 10ED1B

 FDEDFD

 00ED0C

 FFEDFF

Harmonies

Analogous

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



CDE165



87ED8C



00F3C5

Triad

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



87ED8C



2BE1FF



FFA7AD

Complementary

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



87ED8C



ED87E8

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.



FFA6E8



87ED8C



C2CDFF

Square

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



87ED8C



00EEFF



FFB6FF



FFB87B

Rectangle

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



87ED8C



00F4EE



FFB6FF



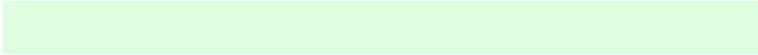
FFA5C0

Sweetspot

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



87ED8C



DEFFDF



EAED87



6B806C



000000



808080

Same Dimension

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



87ED8C



7AFF81



87EDBD



6A756A



00B509



003603

Inverse Universe

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



ED87E8



FF7AF9



ED87B7



756A75



B500AC



360033

Previews

White Background



This preview shows how the Hex color 87ED8C 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 87ED8C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

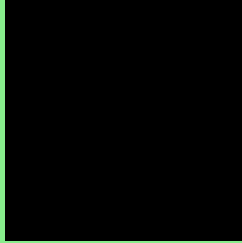
Any Text WCAG AA ✓ Pass

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 87ED8C Background



This preview shows how black text looks on a background with the Hex color 87ED8C.

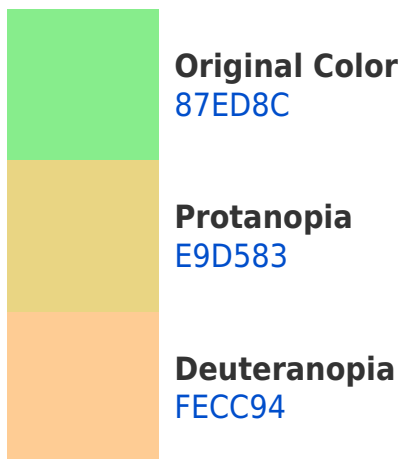


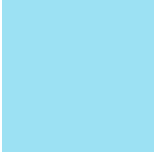
This preview shows how white text looks on a background with the Hex color 87ED8C.

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



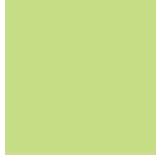


Tritanopia
9CE1F3

Trichromacy



Original Color
87ED8C



Protanomaly
C5DE86



Deuteranomaly
D3D891



Tritanomaly
94E5CE

Monochromacy



Original Color
87ED8C



Achromatopsia
C3C3C3



Achromatomaly
ADD2AF

CSS Examples

Text

The CSS property to change the color of the text to Hex 87ED8C 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 #87ED8C looks like.

```
.text, #text, p{  
    color:#87ED8C  
}
```

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 #87ED8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87ED8C
}
```

Border

The CSS property to change the border of an element to Hex 87ED8C 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
#87ED8C }
```

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

```
.border{ border-color:#87ED8C }
```

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

Here you see how a box with a 4 pixel #87ED8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87ED8C; -webkit-box-shadow:4px 4px  
4px 4px #87ED8C; box-shadow:4px 4px 4px  
4px #87ED8C }
```

Background

The CSS property to change the background color of an element to Hex 87ED8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87ED8C }
```

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

```
.background{ background-color:#87ED8C }
```

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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