

Converting Colors

Hex(83A87F)

Have a look what the booklet for
Hex(83A87F) contains.

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Color

Hex(83A87F)

Conversions

Conversions Part 1

Format	Color
Hex	83A87F
RGB	131, 168, 127
RGB Percent	51%, 66%, 50%
CMY	0.4863, 0.3412, 0.5020
CMYK	0.22, 0.00, 0.24, 0.34
HSL	114°, 19%, 58%
HSV	114°, 24%, 66%
XYZ	27.1935, 34.3629, 25.2781
YIQ	152.2630, -8.8910, -20.5950

Conversions

Conversions Part 2

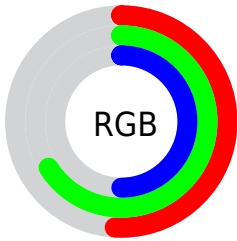
Format	Color
RYB	127, 168, 164
Decimal	8628351
CIELab	65.25, -20.75, 17.16
CIELCh	65, 26.927, 140.397
Yxy	34.3629, 0.3132, 0.3957
Android (android.graphics.Color)	4286818431 (0xFF83A87F)
YUV	152.2630, -12.4547, -18.6477
Hunter-Lab	58.6198, -19.7794, 15.4668

Details

The Hex color **83A87F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A47FA8**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **B9DFB4**, and **51744E** is the 20% darker color. If you saturate the color by 10%, you get **74A86E**, and if you desaturate by 10%, it is **92A890**.

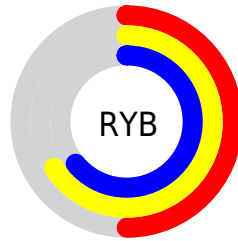
Distribution



Red (51%)

Green (66%)

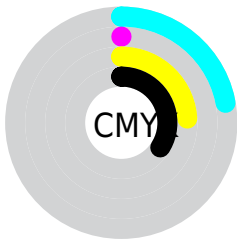
Blue (50%)



Red (50%)

Yellow (66%)

Blue (64%)

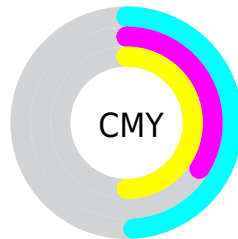


Cyan (22%)

Magenta (0%)

Yellow (24%)

Black (34%)



Cyan (49%)

Magenta (34%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83A87F 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 83A87F by changing the saturation by 10% instead.

 83A87F

 83A87F

FFFFFF

 698D66

 B9DFB4

 51744E

 D5FCCF

 395B37

 F1FFEC

 224321

 0B2D0B

 001A00

 000000

 83A87F

 83A87F

 74A86E

 92A890

 65A85D

 A1A8A1

 56A84D

 B0A8B1

 46A83C

 C0A8C2

 37A82B

 CFA8D3

 28A81A

 DEA8E4

 19A809

 EDA8F5

 10A800

 FCA8FF

 FFA8FF

Harmonies

Analogous

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



9FA271



83A87F



68AB96

Triad

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



83A87F



74A3CD



CF8D8F

Complementary

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



83A87F



A47FA8

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.



C98DA7



83A87F



979BCB

Square

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



83A87F



59A9C3



B693BD



C8927A

Rectangle

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



83A87F



5AACA6



B693BD



CF8D97

Sweetspot

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



83A87F



CDEBCC



A8A47F



666E65



EDEDED



6E6E6E

Same Dimension

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



83A87F



A2DB9C



7FA88F



4D544C



0E9400



021400

Inverse Universe

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



A47FA8



D59CDB



A87F98



534C54



850094



120014

Previews

White Background



This preview shows how the Hex color 83A87F looks on a white background.

Color Contrast Check

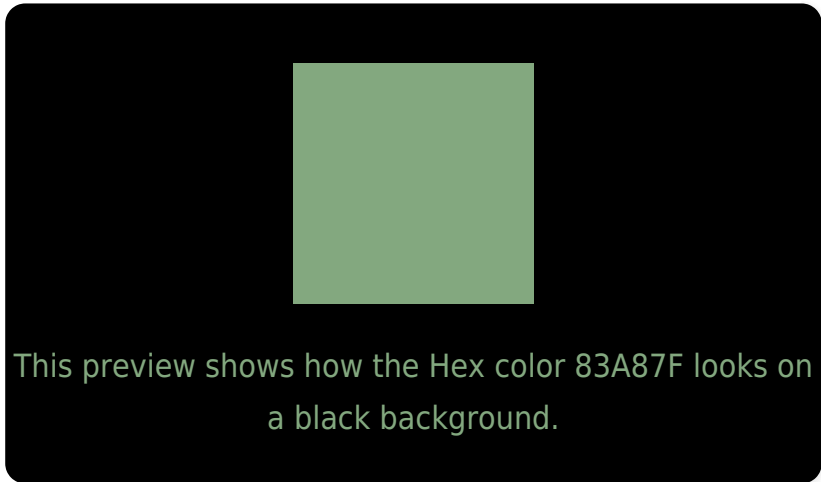
Large Text (above 18pt) WCAG AA × Fail

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

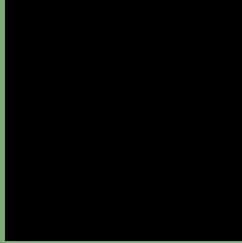
Any Text WCAG AA ✓ Pass

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 83A87F Background



This preview shows how black text looks on a background with the Hex color 83A87F.



This preview shows how white text looks on a background with the Hex color 83A87F.

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](#).

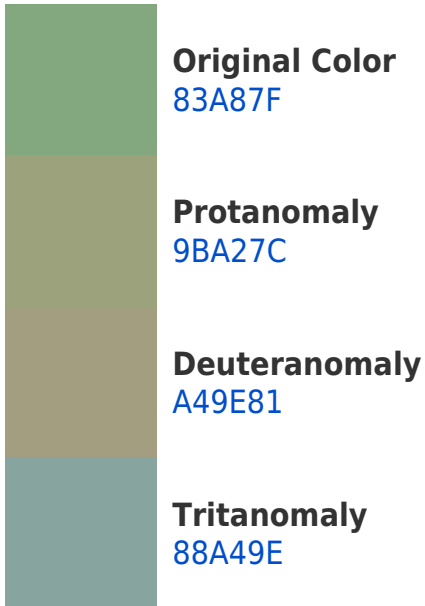
Dichromacy



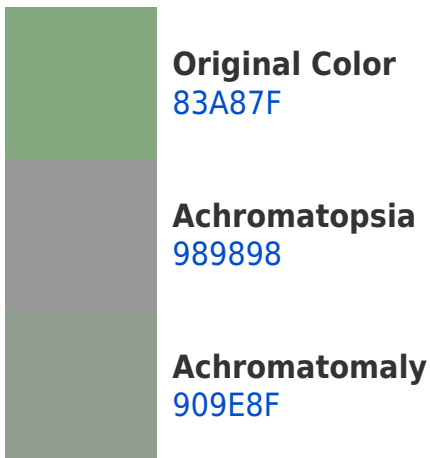


Tritanopia
8BA2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83A87F 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 #83A87F looks like.

```
.text, #text, p{  
    color:#83A87F  
}
```

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 #83A87F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83A87F
}
```

Border

The CSS property to change the border of an element to Hex 83A87F 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
#83A87F }
```

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

```
.border{ border-color:#83A87F }
```

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

Here you see how a box with a 4 pixel #83A87F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83A87F; -webkit-box-shadow:4px 4px  
4px 4px #83A87F; box-shadow:4px 4px 4px  
4px #83A87F }
```

Background

The CSS property to change the background color of an element to Hex 83A87F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83A87F }
```

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

```
.background{ background-color:#83A87F }
```

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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