

Converting Colors

Hex(87B89B)

Have a look what the booklet for
Hex(87B89B) contains.

Hex(87B89B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(87B89B)

Conversions

Conversions Part 1

Format	Color
Hex	87B89B
RGB	135, 184, 155
RGB Percent	53%, 72%, 61%
CMY	0.4706, 0.2784, 0.3922
CMYK	0.27, 0.00, 0.16, 0.28
HSL	144°, 26%, 63%
HSV	144°, 27%, 72%
XYZ	33.0486, 41.7984, 37.3364
YIQ	166.0430, -19.8950, -19.4070

Conversions

Conversions Part 2

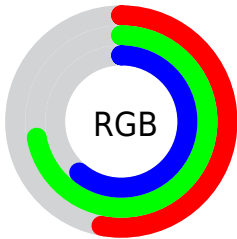
Format	Color
RYB	135, 170, 184
Decimal	8894619
CIELab	70.73, -22.25, 9.55
CIElCh	71, 24.213, 156.769
Yxy	41.7984, 0.2946, 0.3726
Android (android.graphics.Color)	4287084699 (0xFF87B89B)
YUV	166.0430, -5.4442, -27.2247
Hunter-Lab	64.6517, -21.8951, 11.0162

Details

The Hex color **87B89B** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B887A4**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **BDF0D1**, and **548368** is the 20% darker color. If you saturate the color by 10%, you get **75B890**, and if you desaturate by 10%, it is **99B8A6**.

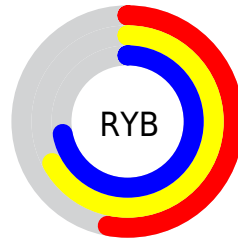
Distribution



Red (53%)

Green (72%)

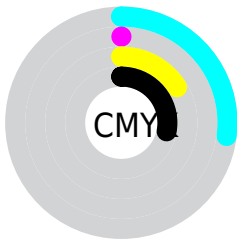
Blue (61%)



Red (53%)

Yellow (67%)

Blue (72%)

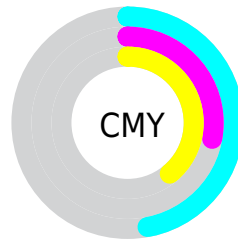


Cyan (27%)

Magenta (0%)

Yellow (16%)

Black (28%)



Cyan (47%)

Magenta (28%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87B89B 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 87B89B by changing the saturation by 10% instead.



87B89B



87B89B

FFFFFF



6D9D81



BDF0D1



548368



D9FFEE



3B6950



F6FFFF



235139



093A23



00240E



000500



000000



87B89B



87B89B

 75B890

 99B8A6

 62B885

 ACB8B1

 50B87A

 BEB8BC

 3DB86F

 D1B8C7

 2BB865

 E3B8D1

 19B85A

 F5B8DC

 06B84F

 FFB8E7

 00B84B

 FFB8F2

 FFB8FD

Harmonies

Analogous

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



A0B489



87B89B



73BAB1

Triad

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



87B89B



99ADD8



D8A094

Complementary

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



87B89B



B887A4

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.



D99DA9



87B89B



B7A6D0

Square

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



87B89B



7DB4D5



CE9FBF



CCA685

Rectangle

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



87B89B



6DB9C0



CE9FBF



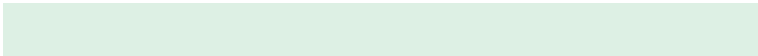
DA9E9A

Sweetspot

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



87B89B



DDF0E4



A4B887



6C7871



F7F7F7



787878

Same Dimension

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



87B89B



A3F0C2



87B8B3



535C56



009C3F



001C0B

Inverse Universe

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



B887A4



F0A3D0



B8878C



5C5358



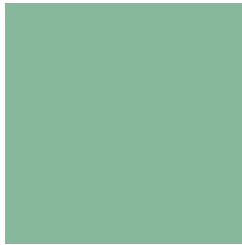
9C005C



1C0011

Previews

White Background



This preview shows how the Hex color 87B89B looks on a white background.

Color Contrast Check

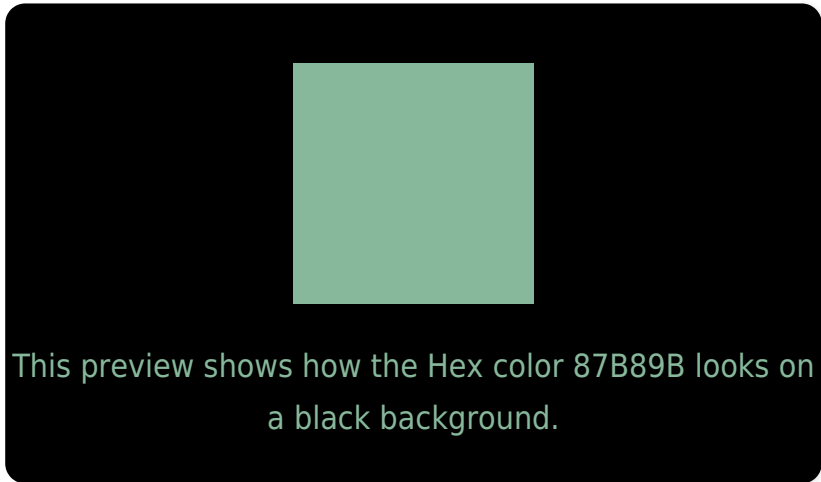
Large Text (above 18pt) WCAG AA × Fail

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

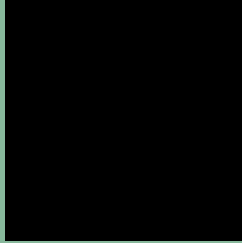
Any Text WCAG AA ✓ Pass

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 87B89B Background



This preview shows how black text looks on a background with the Hex color 87B89B.

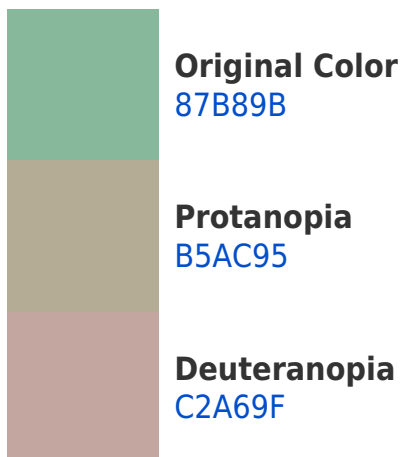


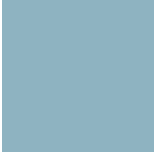
This preview shows how white text looks on a background with the Hex color 87B89B.

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



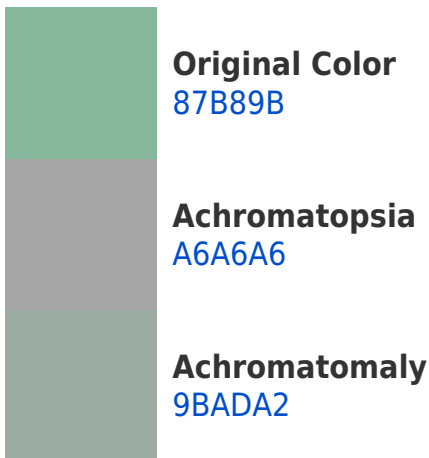


Tritanopia
8EB3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87B89B 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 #87B89B looks like.

```
.text, #text, p{  
    color:#87B89B  
}
```

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 #87B89B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87B89B
}
```

Border

The CSS property to change the border of an element to Hex 87B89B 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
#87B89B }
```

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

```
.border{ border-color:#87B89B }
```

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

Here you see how a box with a 4 pixel #87B89B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87B89B; -webkit-box-shadow:4px 4px  
4px 4px #87B89B; box-shadow:4px 4px 4px  
4px #87B89B }
```

Background

The CSS property to change the background color of an element to Hex 87B89B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87B89B }
```

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

```
.background{ background-color:#87B89B }
```

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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