

Converting Colors

Hex(87B9AF)

Have a look what the booklet for
Hex(87B9AF) contains.

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Color

Hex(87B9AF)

Conversions

Conversions Part 1

Format	Color
Hex	87B9AF
RGB	135, 185, 175
RGB Percent	53%, 73%, 69%
CMY	0.4706, 0.2745, 0.3137
CMYK	0.27, 0.00, 0.05, 0.27
HSL	168°, 26%, 63%
HSV	168°, 27%, 73%
XYZ	35.0785, 42.9440, 46.9976
YIQ	168.9100, -26.5900, -13.7100

Conversions

Conversions Part 2

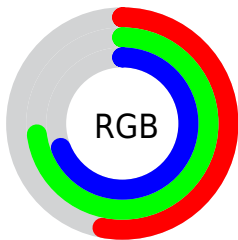
Format	Color
R_{YB}	135, 163, 185
Decimal	8894895
CIE _{Lab}	71.52, -18.58, -0.26
CIE _{LCh}	72, 18.580, 180.791
Y _{xy}	42.9440, 0.2806, 0.3435
Android (android.graphics.Color)	4287084975 (0xFF87B9AF)
YUV	168.9100, 3.0024, -29.7391
Hunter-Lab	65.5316, -19.1309, 3.3509

Details

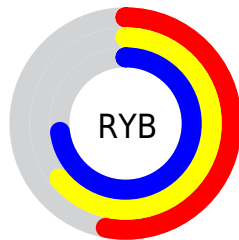
The Hex color **87B9AF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B98791**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **BDF1E6**, and **53847B** is the 20% darker color. If you saturate the color by 10%, you get **75B9AB**, and if you desaturate by 10%, it is **9AB9B3**.

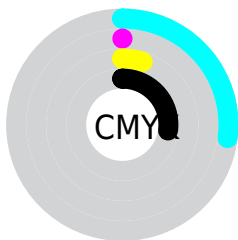
Distribution



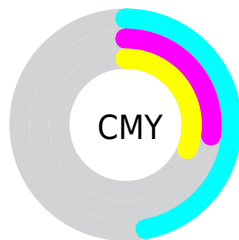
- Red (53%)
- Green (73%)
- Blue (69%)



- Red (53%)
- Yellow (64%)
- Blue (73%)



- Cyan (27%)
- Magenta (0%)
- Yellow (5%)
- Black (27%)



- Cyan (47%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87B9AF 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 87B9AF by changing the saturation by 10% instead.



87B9AF

FFFFFF



BDF1E6



DAFFFF



F6FFFF



87B9AF



6D9E94



53847B



3B6A62



22524A



053B34



00251E



000B06



000000



87B9AF



87B9AF

 75B9AB

 9AB9B3

 62B9A8

 ACB9B6

 50B9A4

 BEB9BA

 3DB9A0

 D1B9BE

 2BB99D

 E4B9C2

 18B999

 F6B9C5

 05B995

 FFB9C9

 00B994

 FFB9CD

 FFB9D0

Harmonies

Analogous

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



96B79E



87B9AF



82B8C0

Triad

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



87B9AF



B3ABCC



CBA992

Complementary

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



87B9AF



B98791

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.



D2A49F



87B9AF



C6A6C0

Square

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



87B9AF



9DB0D1



D1A3AF



BCAE8D

Rectangle

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



87B9AF



85B7C9



D1A3AF



CEA796

Sweetspot

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



87B9AF



DDF0EC



91B987



6C7875



F7F7F7



787878

Same Dimension

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



87B9AF



A3F0E0



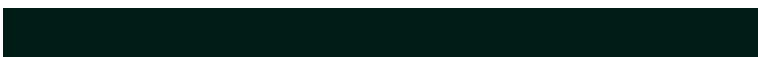
87AAB9



535C5A



009C7C



001C16

Inverse Universe

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



B98791



F0A3B2



B99687



5C5354



9C001F



1C0006

Previews

White Background



This preview shows how the Hex color 87B9AF looks on a white background.

Color Contrast Check

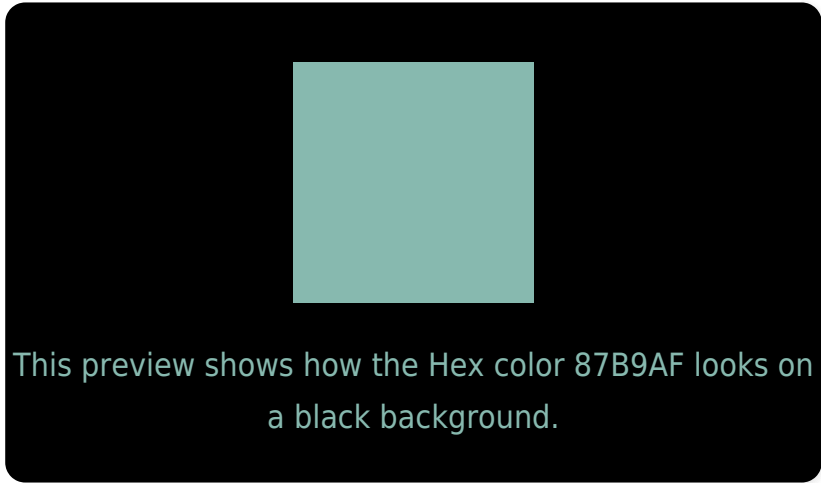
Large Text (above 18pt) WCAG AA × Fail

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

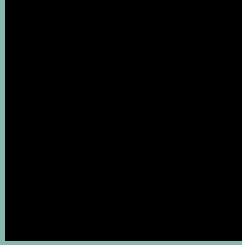
Any Text WCAG AA ✓ Pass

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 87B9AF Background



This preview shows how black text looks on a background with the Hex color 87B9AF.

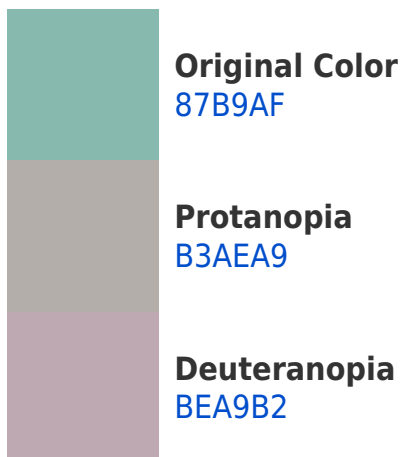


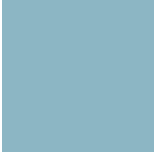
This preview shows how white text looks on a background with the Hex color 87B9AF.

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](#).

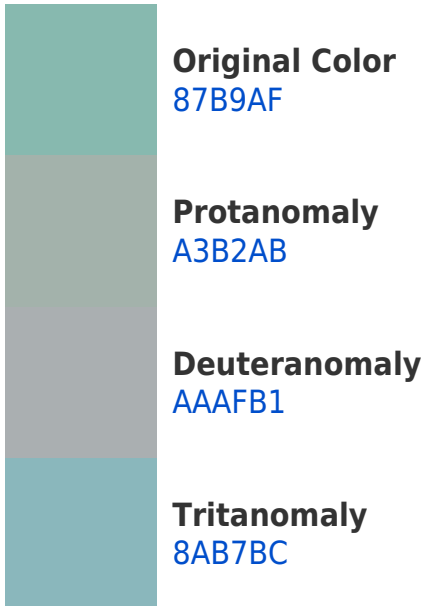
Dichromacy



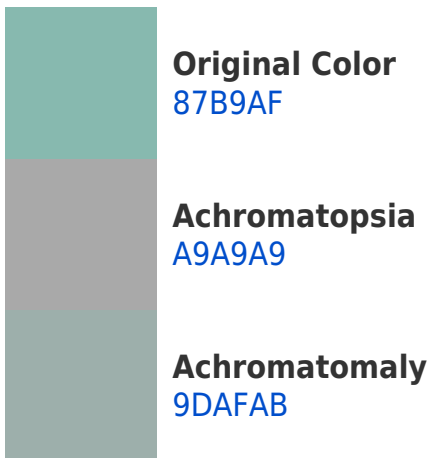


Tritanopia
8CB6C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87B9AF 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 #87B9AF looks like.

```
.text, #text, p{  
    color:#87B9AF  
}
```

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 #87B9AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87B9AF
}
```

Border

The CSS property to change the border of an element to Hex 87B9AF 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
#87B9AF }
```

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

```
.border{ border-color:#87B9AF }
```

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

Here you see how a box with a 4 pixel #87B9AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87B9AF; -webkit-box-shadow:4px 4px  
4px 4px #87B9AF; box-shadow:4px 4px 4px  
4px #87B9AF }
```

Background

The CSS property to change the background color of an element to Hex 87B9AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87B9AF }
```

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

```
.background{ background-color:#87B9AF }
```

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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