

Converting Colors

Hex(87B9A8)

Have a look what the booklet for
Hex(87B9A8) contains.

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Color

Hex(87B9A8)

Conversions

Conversions Part 1

Format	Color
Hex	87B9A8
RGB	135, 185, 168
RGB Percent	53%, 73%, 66%
CMY	0.4706, 0.2745, 0.3412
CMYK	0.27, 0.00, 0.09, 0.27
HSL	160°, 26%, 63%
HSV	160°, 27%, 73%
XYZ	34.4085, 42.6760, 43.4696
YIQ	168.1120, -24.3430, -15.8870

Conversions

Conversions Part 2

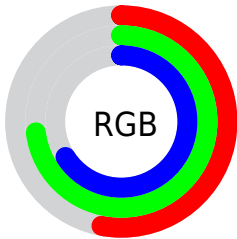
Format	Color
RYB	135, 165, 185
Decimal	8894888
CIELab	71.33, -20.09, 3.31
CIElCh	71, 20.361, 170.644
Yxy	42.6760, 0.2854, 0.3540
Android (android.graphics.Color)	4287084968 (0xFF87B9A8)
YUV	168.1120, -0.0552, -29.0392
Hunter-Lab	65.3269, -20.3037, 6.2763

Details

The Hex color **87B9A8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B98798**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **BDF1DF**, and **548474** is the 20% darker color. If you saturate the color by 10%, you get **75B9A2**, and if you desaturate by 10%, it is **9AB9AE**.

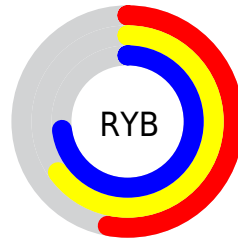
Distribution



Red (53%)

Green (73%)

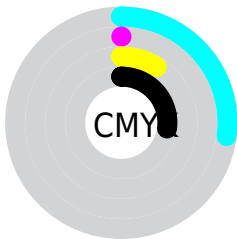
Blue (66%)



Red (53%)

Yellow (65%)

Blue (73%)

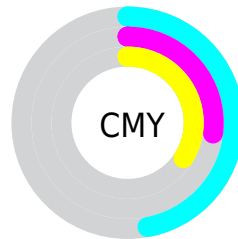


Cyan (27%)

Magenta (0%)

Yellow (9%)

Black (27%)



Cyan (47%)

Magenta (27%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87B9A8 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 87B9A8 by changing the saturation by 10% instead.



87B9A8



87B9A8

FFFFFF



6D9E8E



BDF1DF



548474



D9FFFC



3B6A5B



F6FFFF



225244



073B2E



002519



000900



000000



87B9A8



87B9A8

 75B9A2

 9AB9AE

 62B99B

 ACB9B5

 50B995

 BEB9BB

 3DB98F

 D1B9C1

 2BB989

 E4B9C7

 18B982

 F6B9CE

 05B97C

 FFB9D4

 00B97A

 FFB9DA

 FFB9E1

Harmonies

Analogous

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



9AB697



87B9A8



7CB9BB

Triad

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



87B9A8



AAACD1



D0A693

Complementary

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



87B9A8



B98798

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.



D5A2A2



87B9A8



C1A6C6

Square

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



87B9A8



92B2D3



D0A2B5



C3AB8A

Rectangle

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



87B9A8



7DB8C6



D0A2B5



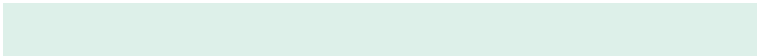
D3A497

Sweetspot

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



87B9A8



DDF0E9



99B987



6C7874



F7F7F7



787878

Same Dimension

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



87B9A8



A3F0D6



87B1B9



535C59



009C67



001C13

Inverse Universe

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



B98798



F0A3BD



B98F87



5C5356



9C0035



1C000A

Previews

White Background



This preview shows how the Hex color 87B9A8 looks on a white background.

Color Contrast Check

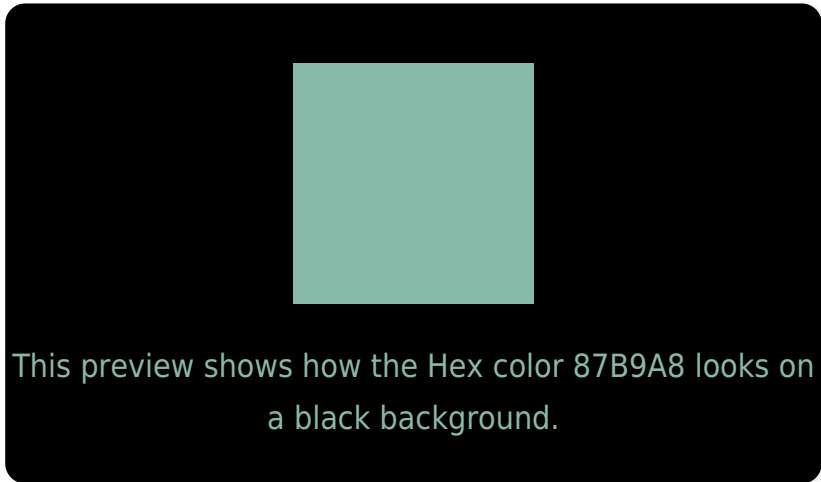
Large Text (above 18pt) WCAG AA × Fail

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

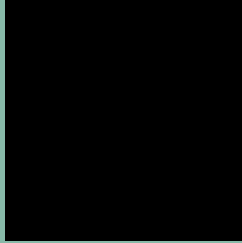
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

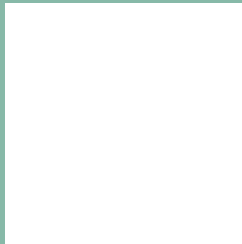
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 87B9A8 Background



This preview shows how black text looks on a background with the Hex color 87B9A8.



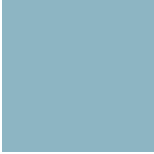
This preview shows how white text looks on a background with the Hex color 87B9A8.

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](#).

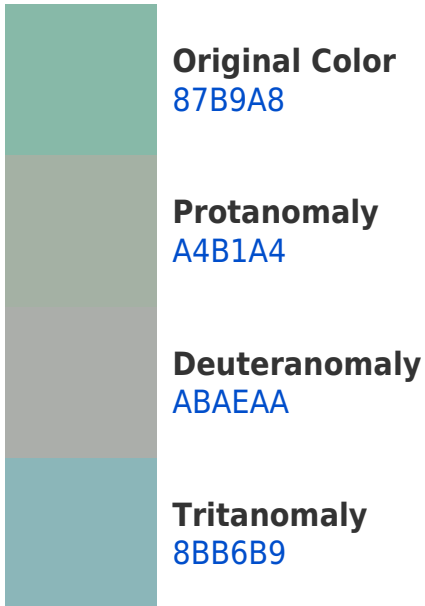
Dichromacy



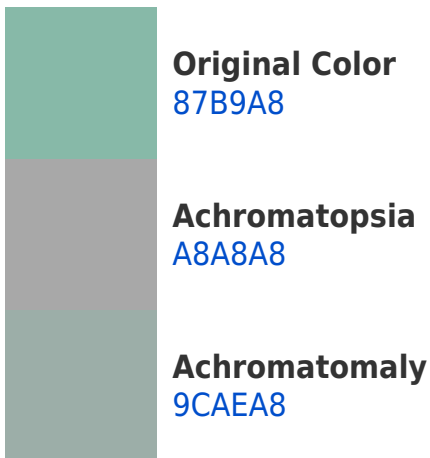


Tritanopia
8DB5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87B9A8 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 #87B9A8 looks like.

```
.text, #text, p{  
    color:#87B9A8  
}
```

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 #87B9A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87B9A8
}
```

Border

The CSS property to change the border of an element to Hex 87B9A8 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
#87B9A8 }
```

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

```
.border{ border-color:#87B9A8 }
```

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

Here you see how a box with a 4 pixel #87B9A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87B9A8; -webkit-box-shadow:4px 4px  
4px 4px #87B9A8; box-shadow:4px 4px 4px  
4px #87B9A8 }
```

Background

The CSS property to change the background color of an element to Hex 87B9A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87B9A8 }
```

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

```
.background{ background-color:#87B9A8 }
```

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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