

Converting Colors

Hex(87B8B8)

Have a look what the booklet for
Hex(87B8B8) contains.

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Color

Hex(87B8B8)

Conversions

Conversions Part 1

Format	Color
Hex	87B8B8
RGB	135, 184, 184
RGB Percent	53%, 72%, 72%
CMY	0.4706, 0.2784, 0.2784
CMYK	0.27, 0.00, 0.00, 0.28
HSL	180°, 26%, 63%
HSV	180°, 27%, 72%
XYZ	35.7839, 42.8926, 51.7405
YIQ	169.3490, -29.2040, -10.3880

Conversions

Conversions Part 2

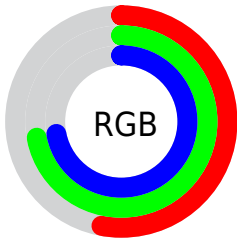
Format	Color
RYB	135, 160, 184
Decimal	8894648
CIELab	71.48, -16.04, -5.24
CIELCh	71, 16.873, 198.089
Yxy	42.8926, 0.2744, 0.3289
Android (android.graphics.Color)	4287084728 (0xFF87B8B8)
YUV	169.3490, 7.2229, -30.1241
Hunter-Lab	65.4924, -17.0825, -0.9957

Details

The Hex color **87B8B8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B88787**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **BEF0F0**, and **538383** is the 20% darker color. If you saturate the color by 10%, you get **75B8B8**, and if you desaturate by 10%, it is **99B8B8**.

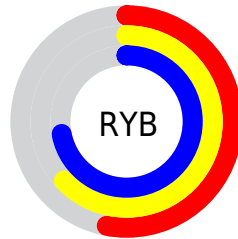
Distribution



Red (53%)

Green (72%)

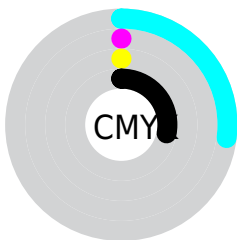
Blue (72%)



Red (53%)

Yellow (63%)

Blue (72%)

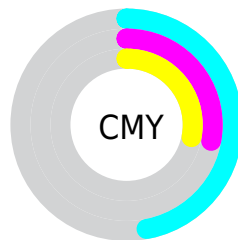


Cyan (27%)

Magenta (0%)

Yellow (0%)

Black (28%)



Cyan (47%)

Magenta (28%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87B8B8 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 87B8B8 by changing the saturation by 10% instead.

 87B8B8

 87B8B8

FFFFFF

 6D9D9D


 BEF0F0

 538383

 DAFFFF

 3A6A6A

 F7FFFF

 215152

 033A3B

 002425

 000B11

 000000

 87B8B8

 87B8B8

 75B8B8

 99B8B8

 62B8B8

 ACB8B8

 50B8B8

 BEB8B8

 3DB8B8

 D1B8B8

 2BB8B8

 E3B8B8

 19B8B8

 F5B8B8

 06B8B8

 FFB8B8

 00B8B8

Harmonies

Analogous

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



90B8A8



87B8B8



89B6C5

Triad

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



87B8B8



BDA8C4



C1AC91

Complementary

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



87B8B8



B88787

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.



CCA799



87B8B8



CAA5B6

Square

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



87B8B8



AAADCC



D0A5A6



B1B192

Rectangle

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



87B8B8



91B4CB



D0A5A6



C5AA93

Sweetspot

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



87B8B8



DDF0F0



87B887



6C7878



F7F7F7



787878

Same Dimension

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



87B8B8



A3F0F0



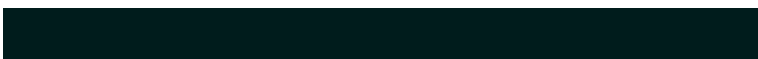
87A0B8



535C5C



009C9C



001C1C

Inverse Universe

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



B887B8



F0A3F0



B8A087



5C535C



9C009C



1C001C

Previews

White Background



This preview shows how the Hex color 87B8B8 looks on a white background.

Color Contrast Check

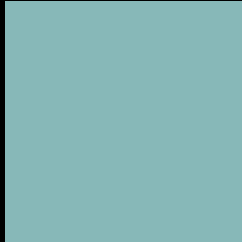
Large Text (above 18pt) WCAG AA × Fail

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 87B8B8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

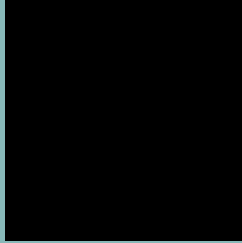
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

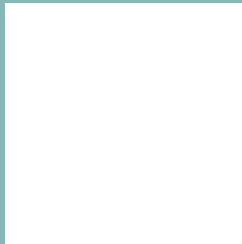
Any Text WCAG AAA ✓ Pass

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

Hex 87B8B8 Background



This preview shows how black text looks on a background with the Hex color 87B8B8.

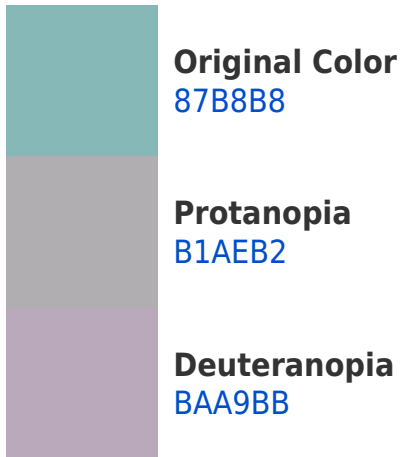


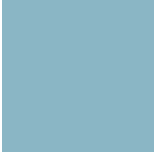
This preview shows how white text looks on a background with the Hex color 87B8B8.

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



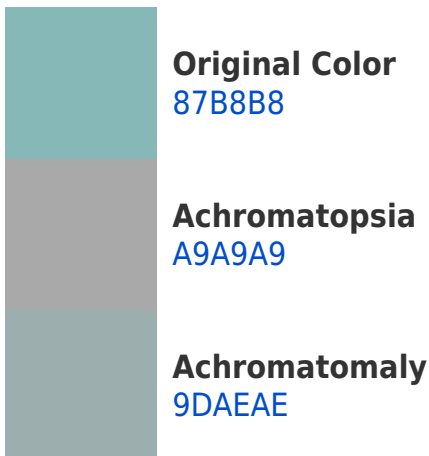


Tritanopia
8AB6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87B8B8 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 #87B8B8 looks like.

```
.text, #text, p{  
    color:#87B8B8  
}
```

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 #87B8B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87B8B8
}
```

Border

The CSS property to change the border of an element to Hex 87B8B8 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
#87B8B8 }
```

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

```
.border{ border-color:#87B8B8 }
```

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

Here you see how a box with a 4 pixel #87B8B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87B8B8; -webkit-box-shadow:4px 4px  
4px 4px #87B8B8; box-shadow:4px 4px 4px  
4px #87B8B8 }
```

Background

The CSS property to change the background color of an element to Hex 87B8B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87B8B8 }
```

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

```
.background{ background-color:#87B8B8 }
```

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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