

# Converting Colors

Hex(87B9C8)

Have a look what the booklet for  
Hex(87B9C8) contains.

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# **Color**

**Hex(87B9C8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	87B9C8
RGB	135, 185, 200
RGB Percent	53%, 73%, 78%
CMY	0.4706, 0.2745, 0.2157
CMYK	0.32, 0.08, 0.00, 0.22
HSL	194°, 37%, 66%
HSV	194°, 32%, 78%
XYZ	37.7660, 44.0190, 61.1496
YIQ	171.7600, -34.6150, -5.9350

# Conversions

## Conversions Part 2

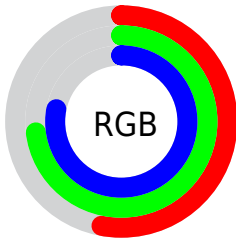
Format	Color
<a href="#">RYB</a>	<a href="#">135, 163, 200</a>
Decimal	<a href="#">8894920</a>
<a href="#">CIELab</a>	<a href="#">72.24, -12.77, -12.87</a>
<a href="#">CIElCh</a>	<a href="#">72, 18.126, 225.232</a>
<a href="#">Yxy</a>	<a href="#">44.0190, 0.2642, 0.3080</a>
Android ( <a href="#">android.graphics.Color</a> )	<a href="#">4287085000</a> ( <a href="#">0xFF87B9C8</a> )
<a href="#">YUV</a>	<a href="#">171.7600, 13.9223, -32.2385</a>
<a href="#">Hunter-Lab</a>	<a href="#">66.3468, -14.5010, -8.2029</a>

# Details

The Hex color **87B9C8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C89687**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **BEF1FF**, and **528492** is the 20% darker color. If you saturate the color by 10%, you get **73B4C8**, and if you desaturate by 10%, it is **9BBEC8**.

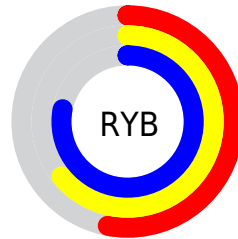
# Distribution



Red (53%)

Green (73%)

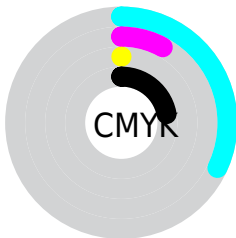
Blue (78%)



Red (53%)

Yellow (64%)

Blue (78%)

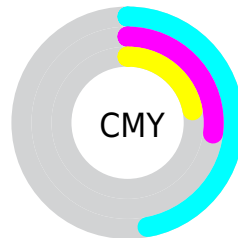


Cyan (32%)

Magenta (8%)

Yellow (0%)

Black (22%)



Cyan (47%)

Magenta (27%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 87B9C8 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 87B9C8 by changing the saturation by 10% instead.



 87B9C8

 87B9C8

FFFFFF

 6C9EAD

 BEF1FF

 528492

 DAFFFF

 386B78

 F7FFFF

 1D5260

 003B48

 002531

 00101D

 000000

 87B9C8

 87B9C8

 73B4C8

 9BBEC8

 5FB0C8

 AFC2C8

 4BABC8

 C3C7C8

 37A7C8

 D7CBC8

 23A2C8

 EBD0C8

 0F9DC8

 FFD5C8

 009AC8

 FFD9C8

 FFDEC8

 FFE3C8

# Harmonies

## Analogous

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



86BBB9



87B9C8



95B5D1

# Triad

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



87B9C8



CEA6BA



B5B391

# Complementary

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



87B9C8



C89687

# 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.



C6AD91



87B9C8



D4A6A9

# Square

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



87B9C8



BEAAC9



D1A89A



A2B799

# Rectangle

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



87B9C8



A2B2D2



D1A89A



BBB190



# Sweetspot

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



87B9C8



E6F9FF



87C895



707C80



000000



808080

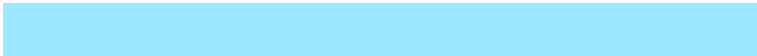


# Same Dimension

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



87B9C8



9CE8FF



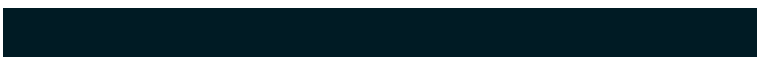
8799C8



5A6163



007EA3



001B24



# Inverse Universe

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



C887B9



FF9CE8



C8B687



635A61



A3007E



24001B



# Previews

## White Background



This preview shows how the Hex color 87B9C8 looks on a white background.

## Color Contrast Check

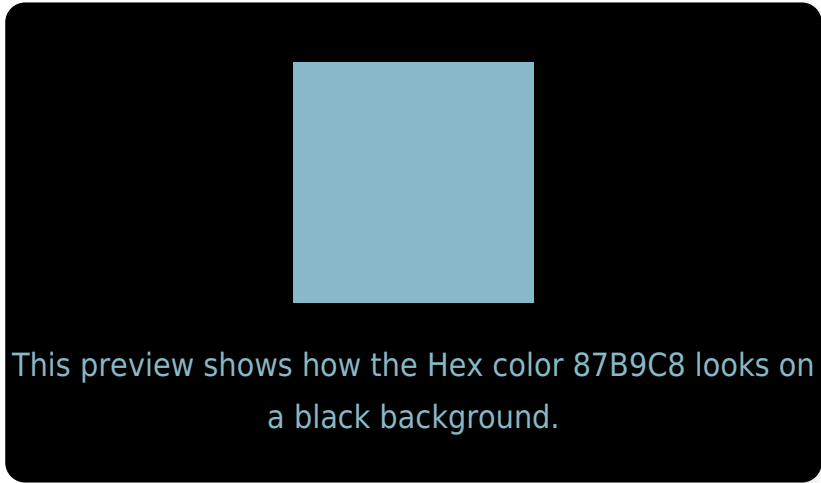
Large Text (above 18pt) WCAG AA × Fail

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

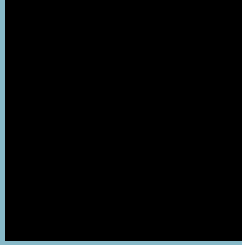
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

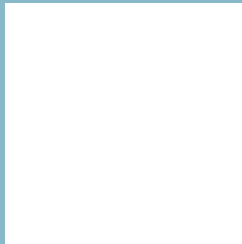
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 87B9C8 Background



This preview shows how black text looks on a background with the Hex color 87B9C8.



This preview shows how white text looks on a background with the Hex color 87B9C8.

# 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](#).

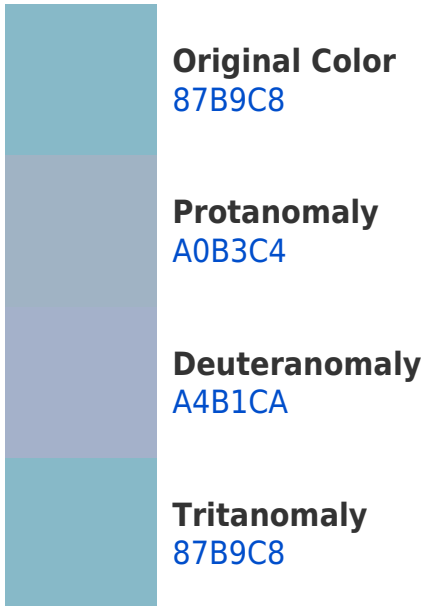
## Dichromacy



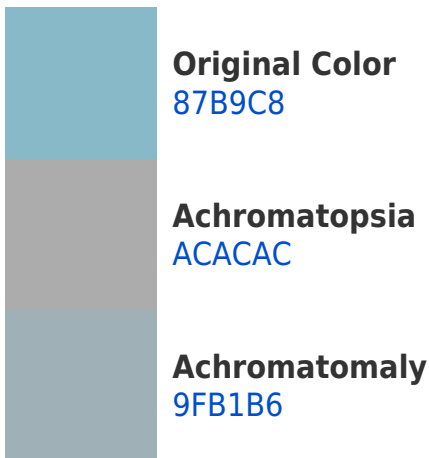


**Tritanopia**  
87B9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 87B9C8 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 #87B9C8 looks like.

```
.text, #text, p{  
    color:#87B9C8  
}
```

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 #87B9C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87B9C8  
}
```

## Border

The CSS property to change the border of an element to Hex 87B9C8 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  
#87B9C8 }
```

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

```
.border{ border-color:#87B9C8 }
```

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

Here you see how a box with a 4 pixel #87B9C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87B9C8; -webkit-box-shadow:4px 4px  
4px 4px #87B9C8; box-shadow:4px 4px 4px  
4px #87B9C8 }
```

# Background

The CSS property to change the background color of an element to Hex 87B9C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87B9C8 }
```

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

```
.background{ background-color:#87B9C8 }
```

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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