

# Converting Colors

Hex(97B2B8)

Have a look what the booklet for  
Hex(97B2B8) contains.

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# **Color**

**Hex(97B2B8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97B2B8
RGB	151, 178, 184
RGB Percent	59%, 70%, 72%
CMY	0.4078, 0.3020, 0.2784
CMYK	0.18, 0.03, 0.00, 0.28
HSL	191°, 19%, 66%
HSV	191°, 18%, 72%
XYZ	37.3346, 41.8808, 51.4635
YIQ	170.6110, -18.0180, -3.8580

# Conversions

## Conversions Part 2

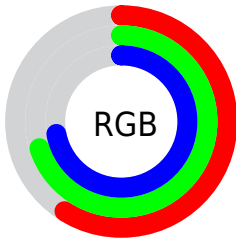
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 166, 184
Decimal	9941688
CIELab	70.79, -7.91, -6.16
CIElCh	71, 10.022, 217.893
Yxy	41.8808, 0.2857, 0.3205
Android (android.graphics.Color)	4288131768 (0xFF97B2B8)
YUV	170.6110, 6.6008, -17.1988
Hunter-Lab	64.7154, -10.2743, -1.8483

# Details

The Hex color **97B2B8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B89D97**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **CEEAF0**, and **647D83** is the 20% darker color. If you saturate the color by 10%, you get **85AFB8**, and if you desaturate by 10%, it is **A9B5B8**.

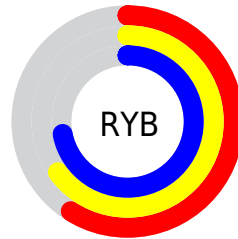
# Distribution



Red (59%)

Green (70%)

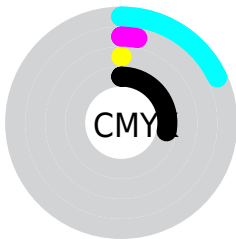
Blue (72%)



Red (59%)

Yellow (65%)

Blue (72%)

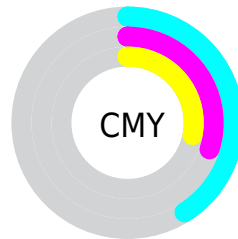


Cyan (18%)

Magenta (3%)

Yellow (0%)

Black (28%)



Cyan (41%)

Magenta (30%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97B2B8 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 97B2B8 by changing the saturation by 10% instead.



■ 97B2B8

■ 97B2B8

FFFFFF

■ 7D979D

■ CEEAF0

■ 647D83

■ EAFFFF

■ 4B646A

■ 344C52

■ 1D363B

■ 072025

■ 000610

■ 000000

■ 97B2B8

■ 97B2B8

85AFB8

A9B5B8

72ABB8

BCB9B8

60A8B8

CEBCB8

4DA5B8

E1BFB8

3BA1B8

F3C3B8

299EB8

FFC6B8

169BB8

FFC9B8

0497B8

FFCDB8

0097B8

FFD0B8

# Harmonies

## Analogous

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



98B3AF



97B2B8



9DB0BE

# Triad

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



97B2B8



BBA8B4



B2AD9B

# Complementary

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



97B2B8



B89D97

# 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.



BBA9D



97B2B8



C1A7AB

# Square

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



97B2B8



B2AABC



C0A8A2



A8B09F

# Rectangle

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



97B2B8



A3AEBF



C0A8A2



B6AC9B

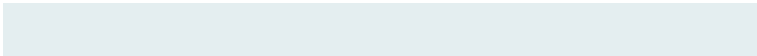


# Sweetspot

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



97B2B8



E4EEF0



97B89C



717778



F7F7F7



787878



# Same Dimension

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



97B2B8



BBE6F0



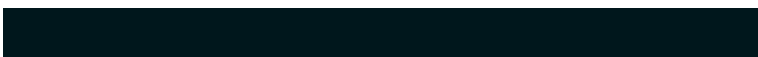
97A2B8



535A5C



007F9C



00171C



# Inverse Universe

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



B897B2



F0BBE6



B8AD97



5C535A



9C007F



1C0017



# Previews

## White Background



This preview shows how the Hex color 97B2B8 looks on a white background.

## Color Contrast Check

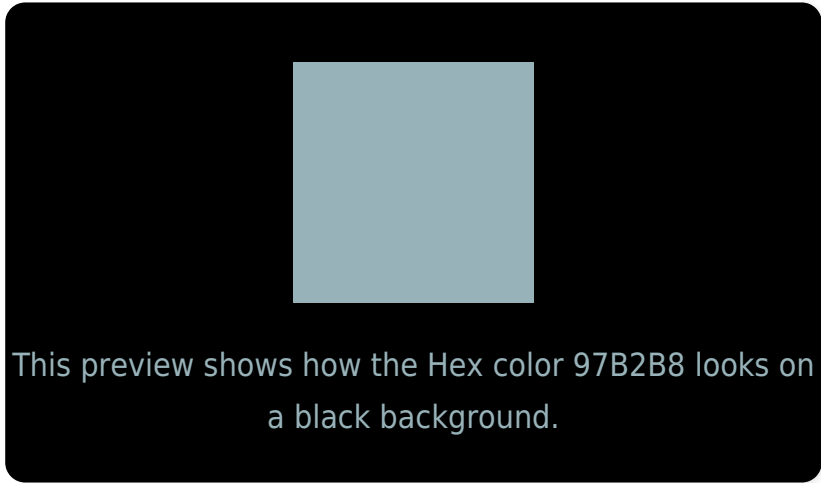
Large Text (above 18pt) WCAG AA × Fail

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

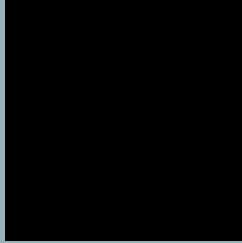
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

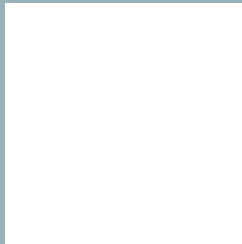
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 97B2B8 Background



This preview shows how black text looks on a background with the Hex color 97B2B8.

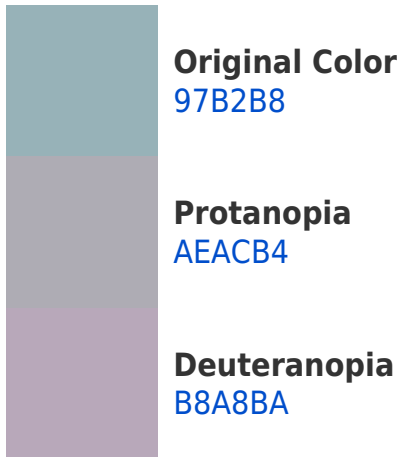


This preview shows how white text looks on a background with the Hex color 97B2B8.

# 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](#).

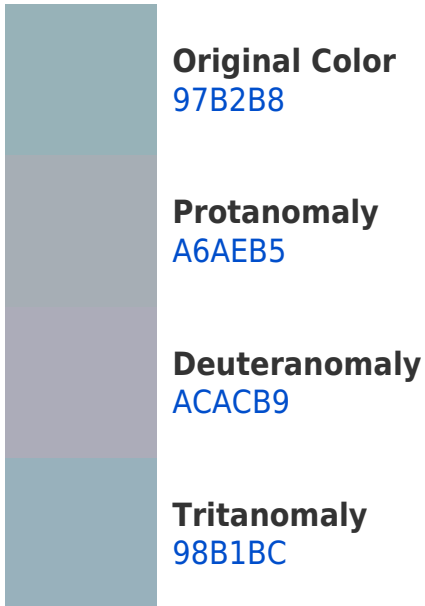
## Dichromacy



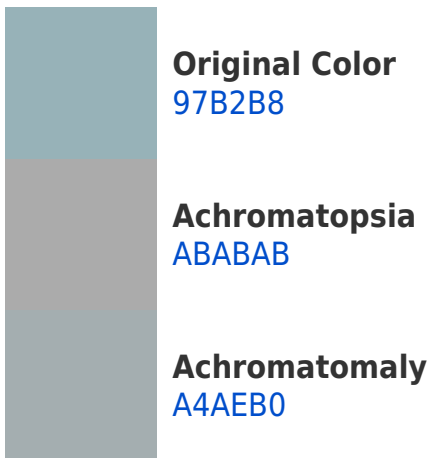


**Tritanopia**  
98B1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97B2B8 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 #97B2B8 looks like.

```
.text, #text, p{  
    color:#97B2B8  
}
```

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 #97B2B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97B2B8
}
```

## Border

The CSS property to change the border of an element to Hex 97B2B8 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
#97B2B8 }
```

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

```
.border{ border-color:#97B2B8 }
```

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

Here you see how a box with a 4 pixel #97B2B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97B2B8; -webkit-box-shadow:4px 4px  
4px 4px #97B2B8; box-shadow:4px 4px 4px  
4px #97B2B8 }
```

# Background

The CSS property to change the background color of an element to Hex 97B2B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97B2B8 }
```

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

```
.background{ background-color:#97B2B8 }
```

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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