

# Converting Colors

Hex(97BBBD)

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

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# **Color**

**Hex(97BBBD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97BBBD
RGB	151, 187, 189
RGB Percent	59%, 73%, 74%
CMY	0.4078, 0.2667, 0.2588
CMYK	0.20, 0.01, 0.00, 0.26
HSL	183°, 22%, 67%
HSV	183°, 20%, 74%
XYZ	39.7181, 45.7941, 54.8899
YIQ	176.4640, -22.0980, -7.0100

# Conversions

## Conversions Part 2

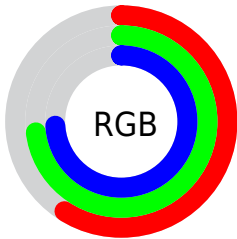
Format	Color
<a href="#">RYB</a>	<a href="#">151, 169, 189</a>
Decimal	<a href="#">9943997</a>
CIELab	<a href="#">73.41, -11.58, -5.02</a>
CIELCh	<a href="#">73, 12.623, 203.417</a>
Yxy	<a href="#">45.7941, 0.2829, 0.3262</a>
Android (android.graphics.Color)	<a href="#">4288134077</a> ( <a href="#">0xFF97BBBD</a> )
YUV	<a href="#">176.4640, 6.1802, -22.3319</a>
Hunter-Lab	<a href="#">67.6713, -13.6583, -0.7217</a>

# Details

The Hex color **97BBBD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BD9997**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **CEF3F5**, and **638688** is the 20% darker color. If you saturate the color by 10%, you get **84BABD**, and if you desaturate by 10%, it is **AABCBD**.

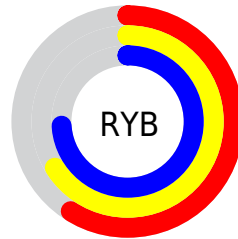
# Distribution



Red (59%)

Green (73%)

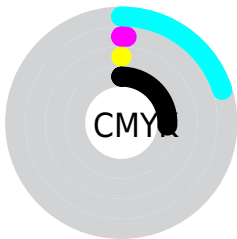
Blue (74%)



Red (59%)

Yellow (66%)

Blue (74%)

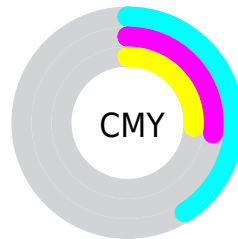


Cyan (20%)

Magenta (1%)

Yellow (0%)

Black (26%)



Cyan (41%)

Magenta (27%)

Yellow (26%)

# Brightness & Saturation Gradients

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



 97BBBD

 97BBBD

FFFFFF

 7DA0A2

 CEF3F5

 638688

 EAFFFF

 4B6C6E

 335456

 1B3D3F

 032729

 001315

 000000

 97BBBD

 97BBBD

84BABD

AABCBD

71B9BD

BDBDBD

5EB8BD

D0BEBD

4BB7BD

E3BFBD

39B6BD

F6C0BD

26B5BD

FFC1BD

13B4BD

FFC2BD

00B3BD

FFC3BD

FFC4BD

# Harmonies

## Analogous

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



9CBBB1



97BBBD



9AB9C6

# Triad

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



97BBBD



C1AFC2



C0B39E

# Complementary

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



97BBBD



BD9997

# 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.



CAAFA2



97BBBD



CAADB7

# Square

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



97BBBD



B3B2C9



CDADAC



B4B69F

# Rectangle

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



97BBBD



A1B7CA



CDADAC



C4B19E

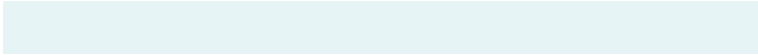


# Sweetspot

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



97BBBD



E6F4F5



97BD99



727A7A



FAFAFA



7A7A7A



# Same Dimension

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



97BBBD



BAF2F5



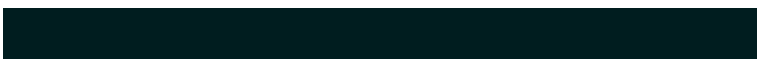
97A8BD



555E5E



00969E



001D1F



# Inverse Universe

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



BD97BB



F5BAF2



BDAC97



5E555E



9E0096

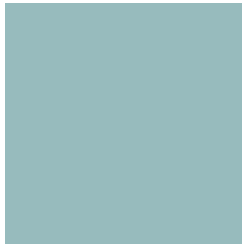


1F001D



# Previews

## White Background



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

## Color Contrast Check

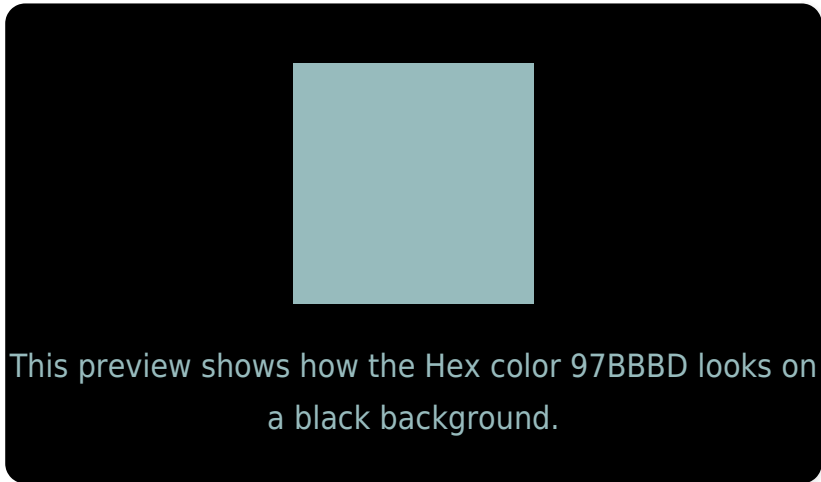
Large Text (above 18pt) WCAG AA × Fail

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

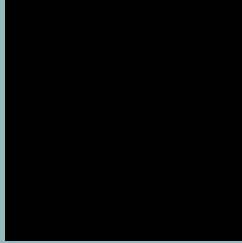
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

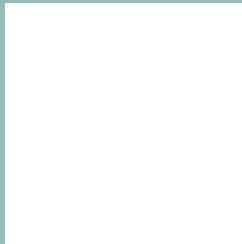
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 97BBBD Background



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

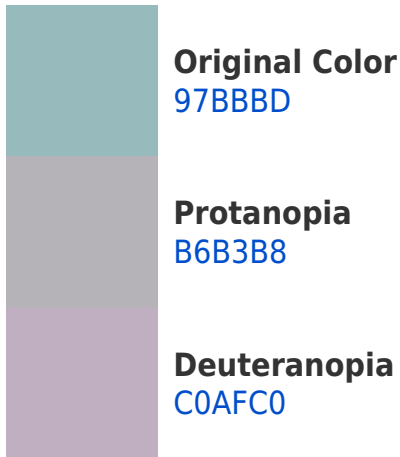


This preview shows how white text looks on a background with the Hex color 97BBBD.

# 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](#).

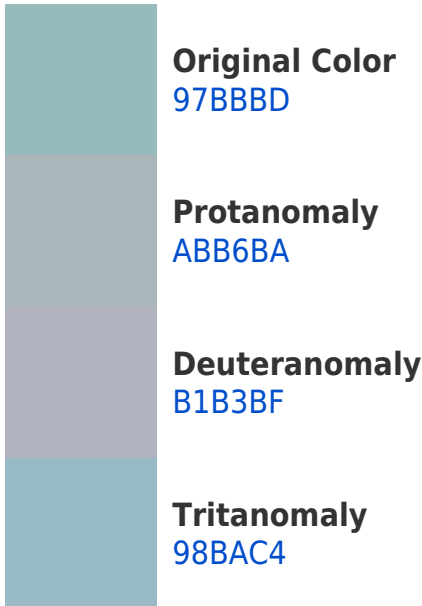
## Dichromacy



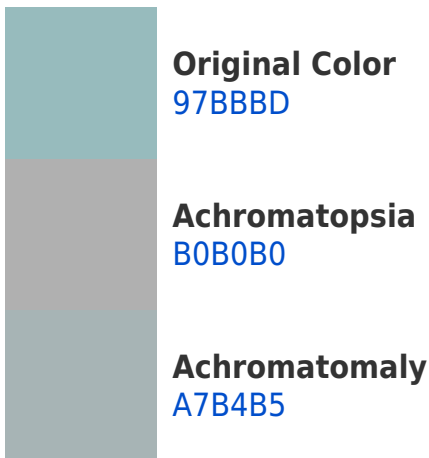


**Tritanopia**  
99B9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #97BBBD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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