

# Converting Colors

Hex(99BBBD)

Have a look what the booklet for  
Hex(99BBBD) contains.

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# **Color**

**Hex(99BBBD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99BBBD
RGB	153, 187, 189
RGB Percent	60%, 73%, 74%
CMY	0.4000, 0.2667, 0.2588
CMYK	0.19, 0.01, 0.00, 0.26
HSL	183°, 21%, 67%
HSV	183°, 19%, 74%
XYZ	40.0925, 45.9871, 54.9074
YIQ	177.0620, -20.9060, -6.5860

# Conversions

## Conversions Part 2

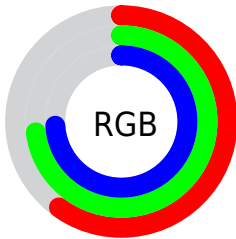
Format	Color
<a href="#">RYB</a>	<a href="#">153, 170, 189</a>
Decimal	<a href="#">10075069</a>
CIELab	<a href="#">73.54, -10.95, -4.82</a>
CIELCh	<a href="#">74, 11.966, 203.740</a>
Yxy	<a href="#">45.9871, 0.2844, 0.3262</a>
Android (android.graphics.Color)	<a href="#">4288265149 (0xFF99BBBD)</a>
YUV	<a href="#">177.0620, 5.8854, -21.1024</a>
Hunter-Lab	<a href="#">67.8138, -13.1423, -0.5362</a>

# Details

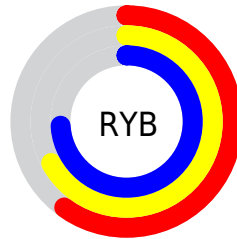
The Hex color **99BBBD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BD9B99**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **D0F3F5**, and **658688** is the 20% darker color. If you saturate the color by 10%, you get **86BABD**, and if you desaturate by 10%, it is **ACBCBD**.

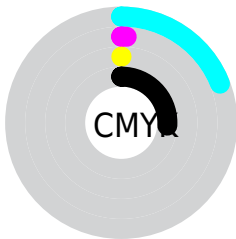
# Distribution



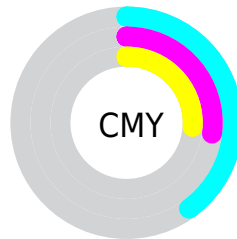
- Red (60%)
- Green (73%)
- Blue (74%)



- Red (60%)
- Yellow (67%)
- Blue (74%)



- Cyan (19%)
- Magenta (1%)
- Yellow (0%)
- Black (26%)



- Cyan (40%)
- Magenta (27%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99BBBD 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 99BBBD by changing the saturation by 10% instead.



 99BBBD

 99BBBD

FFFFFF

 7FA0A2

 D0F3F5

 658688

 ECFFFF

 4D6C6E

 355456

 1E3D3F

 062729

 001315

 000000

 99BBBD

 99BBBD

86BABD

ACBCBD

73B9BD

BFBDDB

60B8BD

D2BEBD

4DB7BD

E5BFBD

3BB6BD

F8C0BD

28B5BD

FFC1BD

15B4BD

FFC2BD

02B3BD

FFC3BD

00B2BD

FFC4BD

# Harmonies

## Analogous

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



9DBBB2



99BBBD



9CB9C6

# Triad

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



99BBBD



C1AFC2



C0B39F

# Complementary

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



99BBBD



BD9B99

# 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.



C9B0A3



99BBBD



CAADB7

# Square

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



99BBBD



B4B3C9



CCAEEAC



B4B7A1

# Rectangle

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



99BBBD



A2B7C9



CCAEC



C3B2A0



# Sweetspot

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



99BBBD



E6F4F5



99BD9B



727A7A



FAFAFA



7A7A7A



# Same Dimension

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



99BBBD



BCF2F5



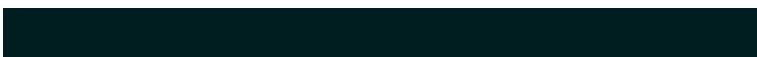
99A9BD



555E5E



00959E



001D1F



# Inverse Universe

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



BD99BB



F5BCF2



BDAD99



5E555E



9E0095



1F001D



# Previews

## White Background



This preview shows how the Hex color 99BBBD looks on a white background.

## Color Contrast Check

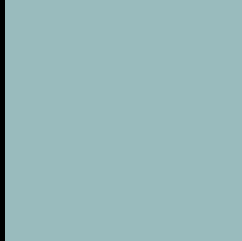
Large Text (above 18pt) WCAG AA × Fail

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 99BBBD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

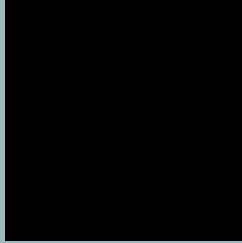
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

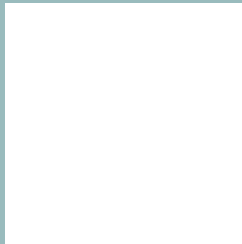
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 99BBBD Background



This preview shows how black text looks on a background with the Hex color 99BBBD.

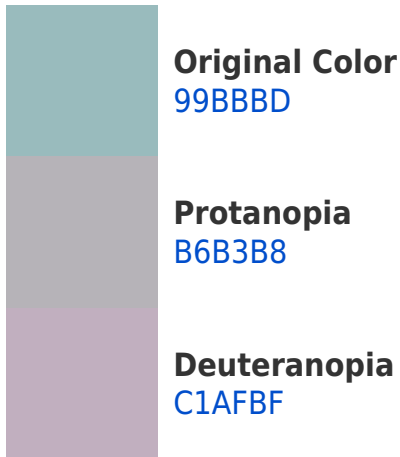


This preview shows how white text looks on a background with the Hex color 99BBBD.

# 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](#).

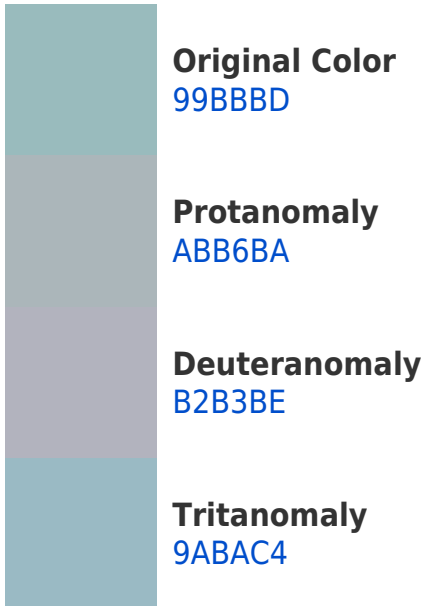
## Dichromacy



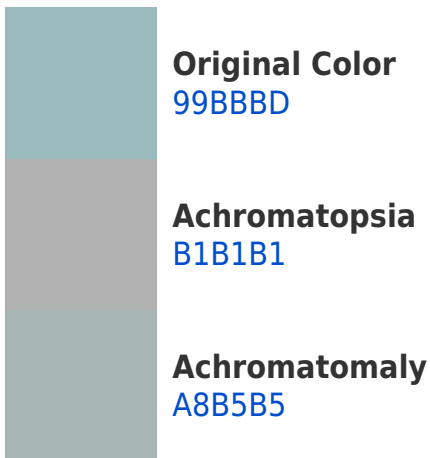


**Tritanopia**  
9BB9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99BBBD 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 #99BBBD looks like.

```
.text, #text, p{  
    color:#99BBBD  
}
```

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 #99BBBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99BBBD }  
}
```

## Border

The CSS property to change the border of an element to Hex 99BBBD 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 #99BBBD }  
}
```

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

```
.border{ border-color:#99BBBD }
```

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

Here you see how a box with a 4 pixel #99BBBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99BBBD; -webkit-box-shadow:4px 4px  
4px 4px #99BBBD; box-shadow:4px 4px 4px  
4px #99BBBD }
```

# Background

The CSS property to change the background color of an element to Hex 99BBBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99BBBD }
```

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

```
.background{ background-color:#99BBBD }
```

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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