

# Converting Colors

Hex(99B3B4)

Have a look what the booklet for  
Hex(99B3B4) contains.

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# **Color**

**Hex(99B3B4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99B3B4
RGB	153, 179, 180
RGB Percent	60%, 70%, 71%
CMY	0.4000, 0.2980, 0.2941
CMYK	0.15, 0.01, 0.00, 0.29
HSL	182°, 15%, 65%
HSV	182°, 15%, 71%
XYZ	37.4952, 42.3078, 49.3700
YIQ	171.3400, -15.8170, -5.2010

# Conversions

## Conversions Part 2

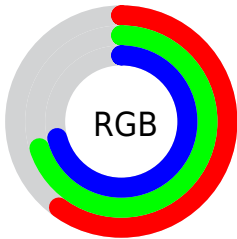
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">153, 166, 180</a>
Decimal	<a href="#">10073012</a>
CIELab	<a href="#">71.08, -8.65, -3.51</a>
CIELCh	<a href="#">71, 9.336, 202.065</a>
Yxy	<a href="#">42.3078, 0.2903, 0.3275</a>
Android (android.graphics.Color)	<a href="#">4288263092 (0xFF99B3B4)</a>
YUV	<a href="#">171.3400, 4.2694, -16.0842</a>
Hunter-Lab	<a href="#">65.0444, -10.9306, 0.5288</a>

# Details

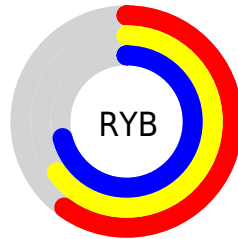
The Hex color **99B3B4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B49A99**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **D0EBEC**, and **667E7F** is the 20% darker color. If you saturate the color by 10%, you get **87B2B4**, and if you desaturate by 10%, it is **ABB4B4**.

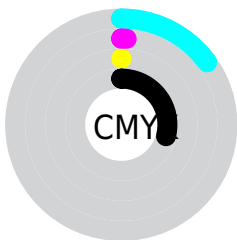
# Distribution



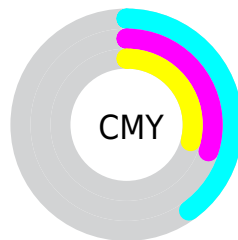
- Red (60%)
- Green (70%)
- Blue (71%)



- Red (60%)
- Yellow (65%)
- Blue (71%)



- Cyan (15%)
- Magenta (1%)
- Yellow (0%)
- Black (29%)



- Cyan (40%)
- Magenta (30%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99B3B4 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 99B3B4 by changing the saturation by 10% instead.



 99B3B4

 99B3B4

FFFFFF

 7F9899

 D0EBEC

 667E7F

 ECFFFF

 4D6566

 364D4E

 203738

 0A2122

 00080C

 000000

 99B3B4

 99B3B4

87B2B4

ABB4B4

75B2B4

BDB4B4

63B1B4

CFB5B4

51B0B4

E1B6B4

3FB0B4

F3B6B4

2DAFB4

FFB7B4

1BAEB4

FFB8B4

09AEB4

FFB9B4

00ADB4

# Harmonies

## Analogous

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



9DB3AB



99B3B4



9BB2BB

# Triad

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



99B3B4



B7AAB9



B8AD9D

# Complementary

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



99B3B4



B49A99

# 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.



BEAAA1



99B3B4



BEA8B1

# Square

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



99B3B4



ADADBE



C1A9A8



AEAF9E

# Rectangle

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



99B3B4



A0B0BE



C1A9A8



BAAC9E

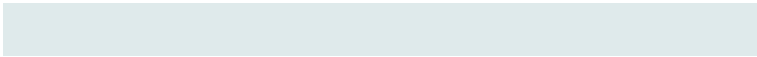


# Sweetspot

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



99B3B4



DFEAEB



99B49A



6E7575



F5F5F5



757575



# Same Dimension

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



99B3B4



C0E9EB



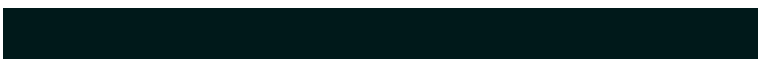
99A6B4



505959



009399



00191A



# Inverse Universe

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



B499B3



EBC0E9



B4A799



595059



990093



1A0019



# Previews

## White Background



This preview shows how the Hex color 99B3B4 looks on a white background.

## Color Contrast Check

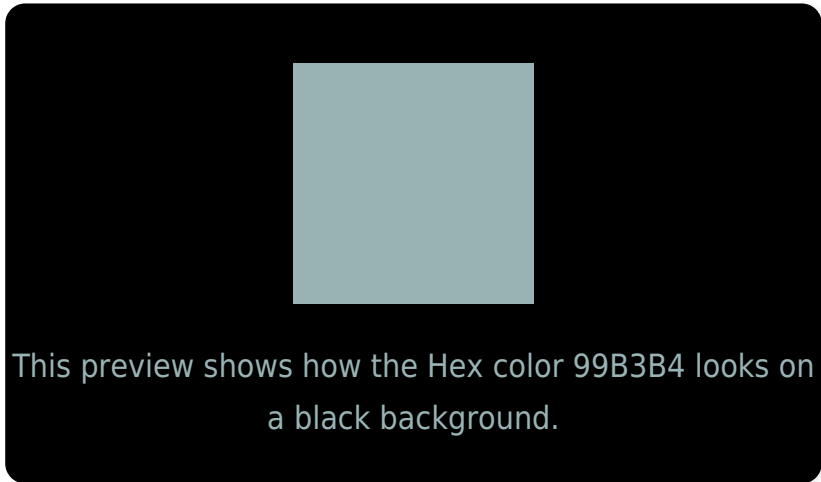
Large Text (above 18pt) WCAG AA × Fail

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

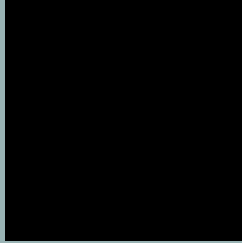
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

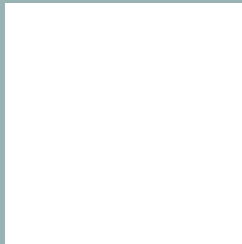
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 99B3B4 Background



This preview shows how black text looks on a background with the Hex color 99B3B4.

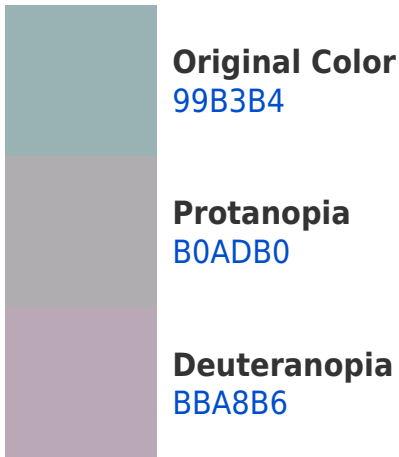


This preview shows how white text looks on a background with the Hex color 99B3B4.

# 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](#).

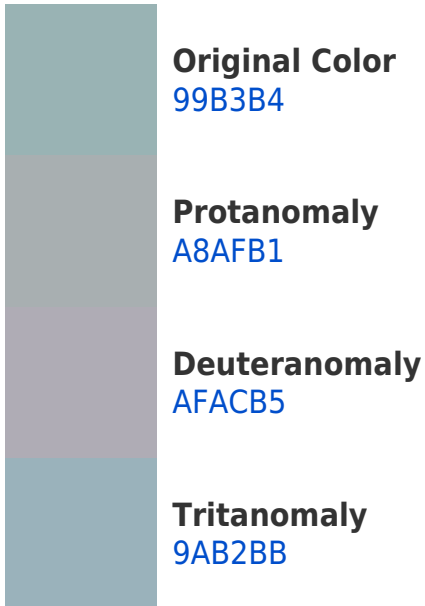
## Dichromacy



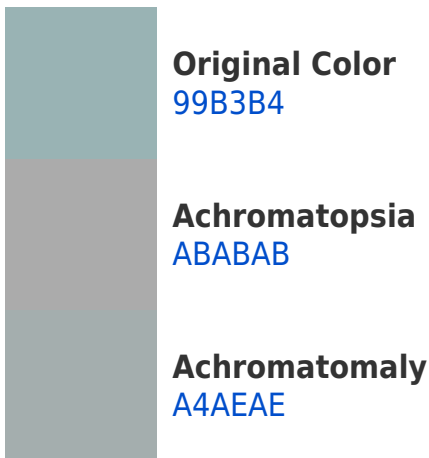


**Tritanopia**  
9BB1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99B3B4 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 #99B3B4 looks like.

```
.text, #text, p{  
    color:#99B3B4  
}
```

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 #99B3B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99B3B4
}
```

## Border

The CSS property to change the border of an element to Hex 99B3B4 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
#99B3B4 }
```

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

```
.border{ border-color:#99B3B4 }
```

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

Here you see how a box with a 4 pixel #99B3B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99B3B4; -webkit-box-shadow:4px 4px  
4px 4px #99B3B4; box-shadow:4px 4px 4px  
4px #99B3B4 }
```

# Background

The CSS property to change the background color of an element to Hex 99B3B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99B3B4 }
```

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

```
.background{ background-color:#99B3B4 }
```

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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