

# Converting Colors

Hex(99A3BF)

Have a look what the booklet for  
Hex(99A3BF) contains.

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# **Color**

**Hex(99A3BF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99A3BF
RGB	153, 163, 191
RGB Percent	60%, 64%, 75%
CMY	0.4000, 0.3608, 0.2510
CMYK	0.20, 0.15, 0.00, 0.25
HSL	224°, 23%, 67%
HSV	224°, 20%, 75%
XYZ	35.6380, 36.7283, 54.5012
YIQ	163.2020, -14.9480, 6.5880

# Conversions

## Conversions Part 2

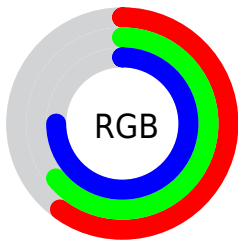
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">153, 161, 191</a>
Decimal	<a href="#">10068927</a>
CIELab	<a href="#">67.07, 2.48, -15.57</a>
CIElCh	<a href="#">67, 15.765, 279.033</a>
Yxy	<a href="#">36.7283, 0.2809, 0.2895</a>
Android (android.graphics.Color)	<a href="#">4288259007 (0xFF99A3BF)</a>
YUV	<a href="#">163.2020, 13.7044, -8.9472</a>
Hunter-Lab	<a href="#">60.6039, -1.0900, -10.8969</a>

# Details

The Hex color **99A3BF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BFB599**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **D0DAF7**, and **656F8A** is the 20% darker color. If you saturate the color by 10%, you get **8695BF**, and if you desaturate by 10%, it is **ACB1BF**.

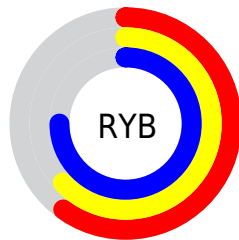
# Distribution



Red (60%)

Green (64%)

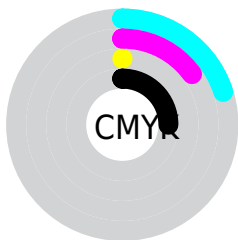
Blue (75%)



Red (60%)

Yellow (63%)

Blue (75%)

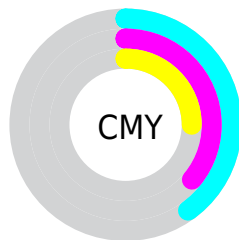


Cyan (20%)

Magenta (15%)

Yellow (0%)

Black (25%)



Cyan (40%)

Magenta (36%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99A3BF 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 99A3BF by changing the saturation by 10% instead.





99A3BF



99A3BF

FFFFFF



7F89A4



D0DAF7



656F8A



ECF6FF



4D5770



354058



1F2A40



08162A



000116



000000



99A3BF



99A3BF

8695BF

ACB1BF

7387BF

BFBFBF

6079BF

D2CDBF

4D6BBF

E5DBBF

395DBF

F9E9BF

264FBF

FFF7BF

1340BF

FFFFBF

0032BF

# Harmonies

## Analogous

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



88A7BD



99A3BF



AB9EB9

# Triad

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



99A3BF



C09B92



8AAB99

# Complementary

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



99A3BF



BFB599

# 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.



9AA88D



99A3BF



B89F89

# Square

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



99A3BF



C1999F



AAA487



80ACA7

# Rectangle

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



99A3BF



B59CB2



AAA487



8FAA94



# Sweetspot

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



99A3BF



E9ECF7



99BFB5



74777D



FCFCFC



7D7D7D



# Same Dimension

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



99A3BF



BCCCF7



A299BF



55575E



002A9E



00081F



# Inverse Universe

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



BF99A3



F7BCCC



B6BF99



5E5557



9E002A

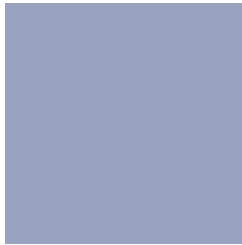


1F0008



# Previews

## White Background



This preview shows how the Hex color 99A3BF looks on a white background.

## Color Contrast Check

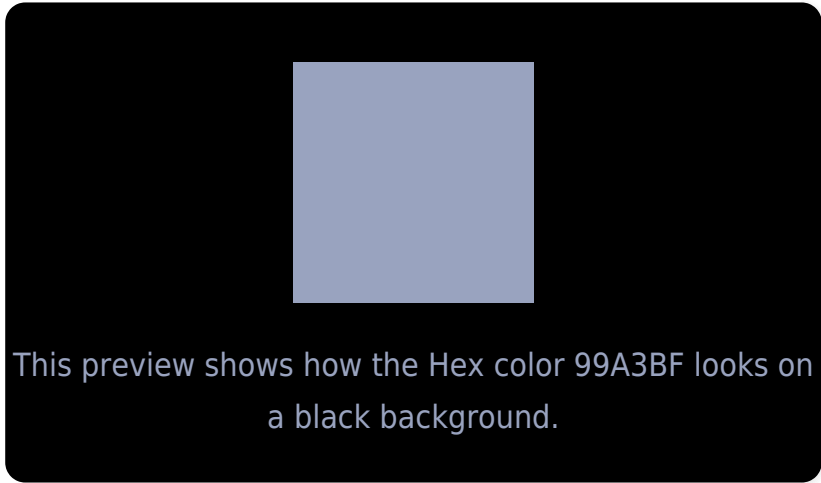
Large Text (above 18pt) WCAG AA × Fail

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

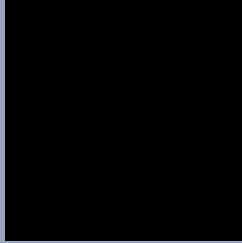
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 99A3BF Background



This preview shows how black text looks on a background with the Hex color 99A3BF.



This preview shows how white text looks on a background with the Hex color 99A3BF.

# 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



**Original Color**  
99A3BF

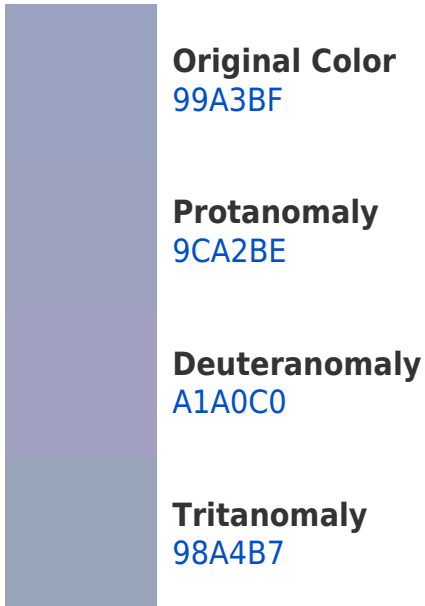
**Protanopia**  
9EA2BE

**Deuteranopia**  
A59FC0

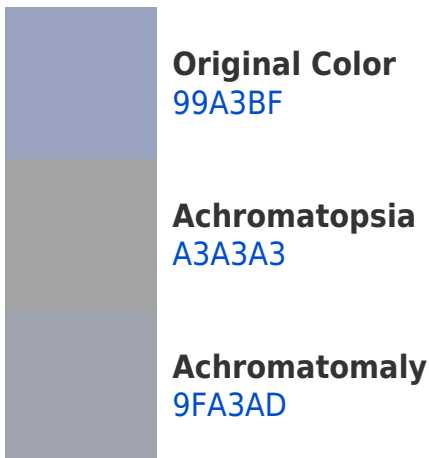


**Tritanopia**  
97A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99A3BF 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 #99A3BF looks like.

```
.text, #text, p{  
    color:#99A3BF  
}
```

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 #99A3BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99A3BF
}
```

## Border

The CSS property to change the border of an element to Hex 99A3BF 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
#99A3BF }
```

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

```
.border{ border-color:#99A3BF }
```

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

Here you see how a box with a 4 pixel #99A3BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99A3BF; -webkit-box-shadow:4px 4px  
4px 4px #99A3BF; box-shadow:4px 4px 4px  
4px #99A3BF }
```

# Background

The CSS property to change the background color of an element to Hex 99A3BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99A3BF }
```

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

```
.background{ background-color:#99A3BF }
```

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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