

# Converting Colors

Hex(9BB3CA)

Have a look what the booklet for  
Hex(9BB3CA) contains.

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# **Color**

**Hex(9BB3CA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9BB3CA
RGB	155, 179, 202
RGB Percent	61%, 70%, 79%
CMY	0.3922, 0.2980, 0.2078
CMYK	0.23, 0.11, 0.00, 0.21
HSL	209°, 31%, 70%
HSV	209°, 23%, 79%
XYZ	40.2983, 43.4730, 62.1443
YIQ	174.4460, -21.6870, 2.0650

# Conversions

## Conversions Part 2

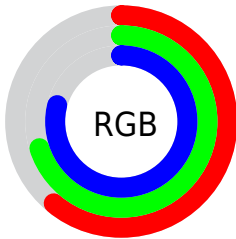
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 171, 202
Decimal	10204106
CIELab	71.87, -3.15, -14.39
CIELCh	72, 14.731, 257.663
Yxy	43.4730, 0.2762, 0.2979
Android (android.graphics.Color)	4288394186 (0xFF9BB3CA)
YUV	174.4460, 13.5841, -17.0541
Hunter-Lab	65.9341, -6.2870, -9.7283

# Details

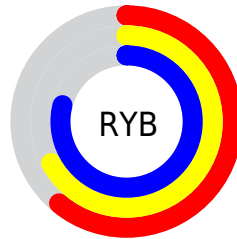
The Hex color **9BB3CA** is a light color, and the websafe version is hex **999999**. A complement of this color would be **CAB29B**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **D2EBFF**, and **677E94** is the 20% darker color. If you saturate the color by 10%, you get **87A9CA**, and if you desaturate by 10%, it is **AFBDCA**.

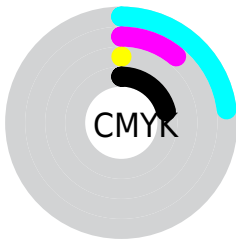
# Distribution



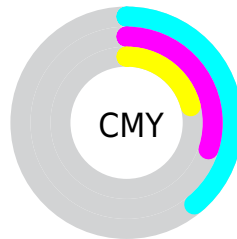
- Red (61%)
- Green (70%)
- Blue (79%)



- Red (61%)
- Yellow (67%)
- Blue (79%)



- Cyan (23%)
- Magenta (11%)
- Yellow (0%)
- Black (21%)



- Cyan (39%)
- Magenta (30%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BB3CA 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 9BB3CA by changing the saturation by 10% instead.



■ 9BB3CA

■ 9BB3CA

FFFFFF

■ 8198AF

■ D2EBFF

■ 677E94

■ EFFFFFF

■ 4E657A

■ 364D61

■ 1E3749

■ 052233

■ 000B1E

■ 000001

■ 000000

 9BB3CA

 9BB3CA

 87A9CA

 AFBDC A

 739FCA

 C3C7CA

 5E95CA

 D8D1CA

 4A8BCA

 ECDBCA

 3682CA

 FFE4CA

 2278CA

 FFEECA

 0E6ECA

 FFF8CA

 0067CA

 FFFFCA

# Harmonies

## Analogous

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



90B6C3



9BB3CA



ACAFCA

# Triad

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



9BB3CA



CDA7A9



A3B59E

# Complementary

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



9BB3CA



CAB29B

# 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.



B2B297



9BB3CA



CAA99D

# Square

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



9BB3CA



C8A7B6



C0AD96



95B8AA

# Rectangle

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



9BB3CA



B7ACC5



C0AD96



A8B49B

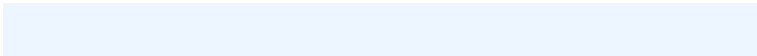


# Sweetspot

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



9BB3CA



EDF6FF



9BCAB2



757B80



000000



808080

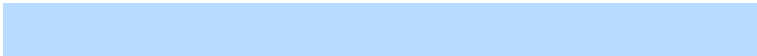


# Same Dimension

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



9BB3CA



B8DCFF



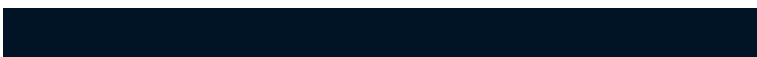
9B9CCA



5C6166



0055A6



001426



# Inverse Universe

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



CA9BB3



FFB8DC



CAC99B



665C61



A60055

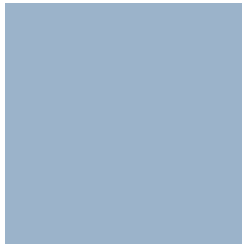


260014



# Previews

## White Background



This preview shows how the Hex color 9BB3CA looks on a white background.

## Color Contrast Check

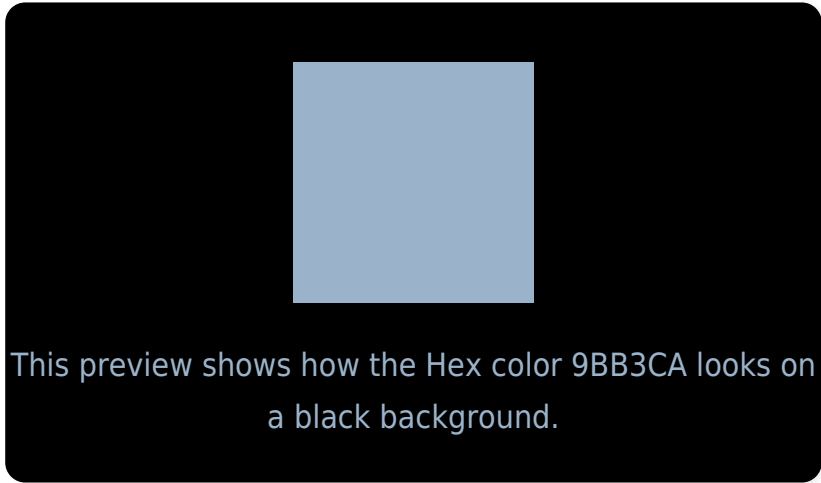
Large Text (above 18pt) WCAG AA × Fail

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

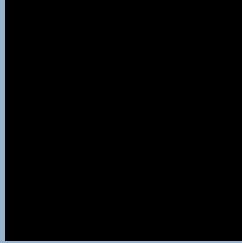
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

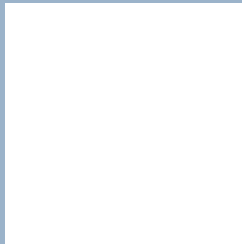
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BB3CA Background



This preview shows how black text looks on a background with the Hex color 9BB3CA.

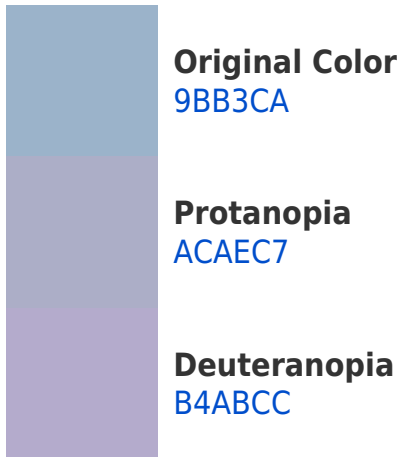


This preview shows how white text looks on a background with the Hex color 9BB3CA.

# 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](#).

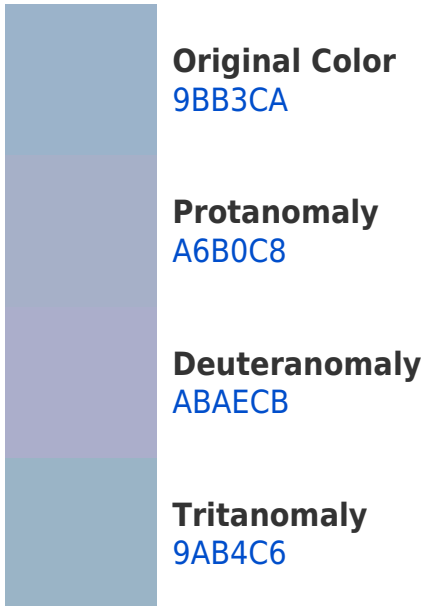
## Dichromacy



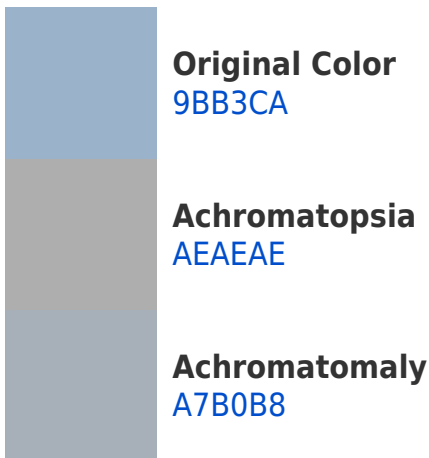


**Tritanopia**  
9AB4C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BB3CA 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 #9BB3CA looks like.

```
.text, #text, p{  
    color:#9BB3CA  
}
```

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 #9BB3CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BB3CA
}
```

## Border

The CSS property to change the border of an element to Hex 9BB3CA 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
#9BB3CA }
```

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

```
.border{ border-color:#9BB3CA }
```

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

Here you see how a box with a 4 pixel #9BB3CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BB3CA; -webkit-box-shadow:4px 4px  
4px 4px #9BB3CA; box-shadow:4px 4px 4px  
4px #9BB3CA }
```

# Background

The CSS property to change the background color of an element to Hex 9BB3CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BB3CA }
```

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

```
.background{ background-color:#9BB3CA }
```

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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