

# Converting Colors

Hex(9CA6BB)

Have a look what the booklet for  
Hex(9CA6BB) contains.

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# **Color**

**Hex(9CA6BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CA6BB
RGB	156, 166, 187
RGB Percent	61%, 65%, 73%
CMY	0.3882, 0.3490, 0.2667
CMYK	0.17, 0.11, 0.00, 0.27
HSL	221°, 19%, 67%
HSV	221°, 17%, 73%
XYZ	36.3162, 37.9282, 52.4205
YIQ	165.4040, -12.7010, 4.4110

# Conversions

## Conversions Part 2

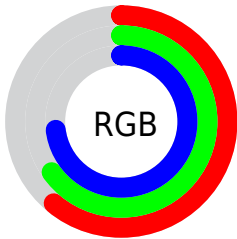
Format	Color
<a href="#">RYB</a>	<a href="#">156, 164, 187</a>
Decimal	<a href="#">10266299</a>
CIELab	<a href="#">67.97, 0.89, -11.98</a>
CIElCh	<a href="#">68, 12.012, 274.248</a>
Yxy	<a href="#">37.9282, 0.2867, 0.2994</a>
Android (android.graphics.Color)	<a href="#">4288456379 (0xFF9CA6BB)</a>
YUV	<a href="#">165.4040, 10.6468, -8.2473</a>
Hunter-Lab	<a href="#">61.5859, -2.5169, -7.3562</a>

# Details

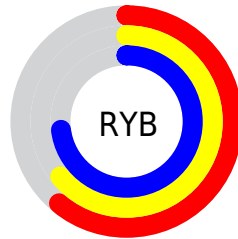
The Hex color **9CA6BB** is a light color, and the websafe version is hex **999999**. A complement of this color would be **BBB19C**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **D3DDF3**, and **687286** is the 20% darker color. If you saturate the color by 10%, you get **8999BB**, and if you desaturate by 10%, it is **AFB3BB**.

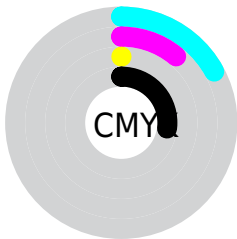
# Distribution



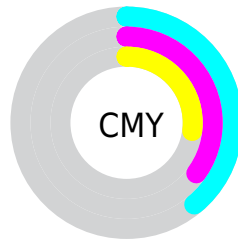
- Red (61%)
- Green (65%)
- Blue (73%)



- Red (61%)
- Yellow (64%)
- Blue (73%)



- Cyan (17%)
- Magenta (11%)
- Yellow (0%)
- Black (27%)



- Cyan (39%)
- Magenta (35%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CA6BB 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 9CA6BB by changing the saturation by 10% instead.



 9CA6BB

 9CA6BB

FFFFFF

 828CA0

 D3DDF3

 687286

 EFFAFF

 505A6D

 394254

 222C3D

 0D1827

 000112

 000000

 9CA6BB

 9CA6BB

8999BB

AFB3BB

778DBB

C1BFBB

6480BB

D4CCBB

5173BB

E7D9BB

3F67BB

FAE5BB

2C5ABB

FFF2BB

194DBB

FFFFBB

0641BB

003CBB

# Harmonies

## Analogous

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



90A9B9



9CA6BB



AAA2B8

# Triad

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



9CA6BB



BC9F9A



95AB9C

# Complementary

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



9CA6BB



BBB19C

# 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.



A1A994



9CA6BB



B7A292

# Square

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



9CA6BB



BC9EA4



ADA590



8CACA7

# Rectangle

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



9CA6BB



B2A0B2



ADA590



98AA99



# Sweetspot

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



9CA6BB



E6EAF2



9CBBB1



73757A



FAFAFA



7A7A7A



# Same Dimension

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



9CA6BB



C2D1F2



A19CBB



55585E



00339E



000A1F



# Inverse Universe

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



BB9CA6



F2C2D1



B6BB9C



5E5558



9E0033

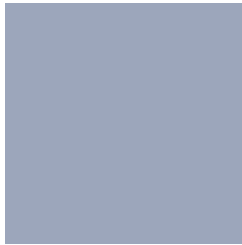


1F000A



# Previews

## White Background



This preview shows how the Hex color 9CA6BB looks on a white background.

## Color Contrast Check

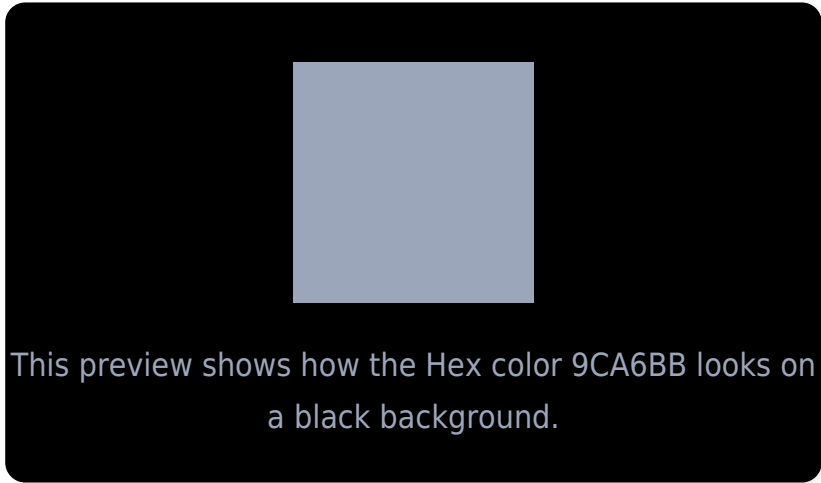
Large Text (above 18pt) WCAG AA × Fail

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

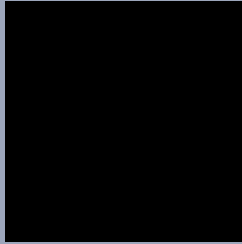
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9CA6BB Background



This preview shows how black text looks on a background with the Hex color 9CA6BB.



This preview shows how white text looks on a background with the Hex color 9CA6BB.

# 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**  
9CA6BB

**Protanopia**  
A2A4BA

**Deuteranopia**  
ABA1BC



**Tritanopia**  
9BA7B4

# Trichromacy



**Original Color**  
9CA6BB

**Protanomaly**  
A0A5BA

**Deuteranomaly**  
A6A3BC

**Tritanomaly**  
9BA7B7

# Monochromacy



**Original Color**  
9CA6BB

**Achromatopsia**  
A5A5A5

**Achromatomaly**  
A2A5AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CA6BB 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 #9CA6BB looks like.

```
.text, #text, p{  
    color:#9CA6BB  
}
```

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 #9CA6BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CA6BB  
}
```

## Border

The CSS property to change the border of an element to Hex 9CA6BB 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  
#9CA6BB }
```

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

```
.border{ border-color:#9CA6BB }
```

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

Here you see how a box with a 4 pixel #9CA6BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CA6BB; -webkit-box-shadow:4px 4px  
4px 4px #9CA6BB; box-shadow:4px 4px 4px  
4px #9CA6BB }
```

# Background

The CSS property to change the background color of an element to Hex 9CA6BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CA6BB }
```

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

```
.background{ background-color:#9CA6BB }
```

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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