

# Converting Colors

Hex(9BB0C4)

Have a look what the booklet for  
Hex(9BB0C4) contains.

<b>Hex(9BB0C4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(9BB0C4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9BB0C4
RGB	155, 176, 196
RGB Percent	61%, 69%, 77%
CMY	0.3922, 0.3098, 0.2314
CMYK	0.21, 0.10, 0.00, 0.23
HSL	209°, 26%, 69%
HSV	209°, 21%, 77%
XYZ	39.0067, 42.0048, 58.2764
YIQ	172.0010, -18.9360, 1.7680

# Conversions

## Conversions Part 2

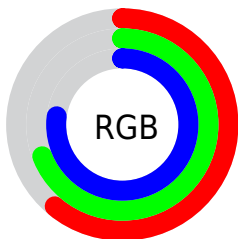
Format	Color
<a href="#">RYB</a>	<a href="#">155, 169, 196</a>
Decimal	<a href="#">10203332</a>
CIELab	<a href="#">70.87, -2.89, -12.60</a>
CIElCh	<a href="#">71, 12.927, 257.078</a>
Yxy	<a href="#">42.0048, 0.2800, 0.3016</a>
Android (android.graphics.Color)	<a href="#">4288393412 (0xFF9BB0C4)</a>
YUV	<a href="#">172.0010, 11.8315, -14.9099</a>
Hunter-Lab	<a href="#">64.8111, -5.9887, -7.9443</a>

# Details

The Hex color **9BB0C4** is a light color, and the websafe version is hex **999999**. A complement of this color would be **C4AF9B**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **D2E8FD**, and **677C8E** is the 20% darker color. If you saturate the color by 10%, you get **87A6C4**, and if you desaturate by 10%, it is **AFBAC4**.

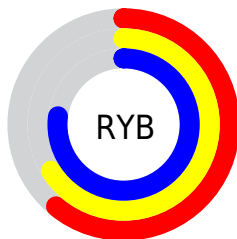
# Distribution



Red (61%)

Green (69%)

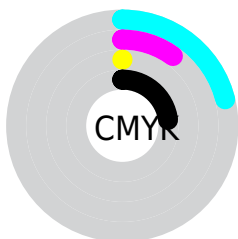
Blue (77%)



Red (61%)

Yellow (66%)

Blue (77%)

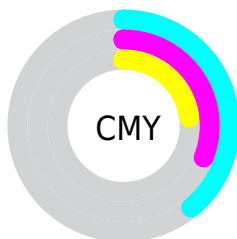


Cyan (21%)

Magenta (10%)

Yellow (0%)

Black (23%)



Cyan (39%)

Magenta (31%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BB0C4 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 9BB0C4 by changing the saturation by 10% instead.





9BB0C4



9BB0C4

FFFFFF



8195A9



D2E8FD



677C8E



EEEFFF



4F6375



374B5C



203444



081F2E



00071A



000000



9BB0C4



9BB0C4

87A6C4

AFBAC4

749DC4

C2C3C4

6093C4

D6CDC4

4D8AC4

E9D6C4

3980C4

FDE0C4

2577C4

FFE9C4

126DC4

FFF3C4

0064C4

FFFCC4

FFFFC4

# Harmonies

## Analogous

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



91B3BE



9BB0C4



A9ACC4

# Triad

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



9BB0C4



C7A6A7



A2B29D

# Complementary

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



9BB0C4



C4AF9B

# 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.



B0AF97



9BB0C4



C4A79D

# Square

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



9BB0C4



C2A6B3



BCAB97



96B4A8

# Rectangle

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



9BB0C4



B3AAC0



BCAB97



A7B19B



# Sweetspot

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



9BB0C4



F0F8FF



9BC4AF



777B80



000000



808080

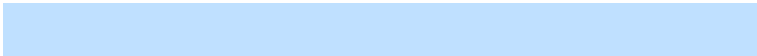


# Same Dimension

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



9BB0C4



BFE0FF



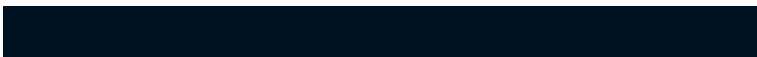
9B9CC4



575C61



0052A1



001121



# Inverse Universe

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



C49BB0



FFBFE0



C4C39B



61575C



A10052

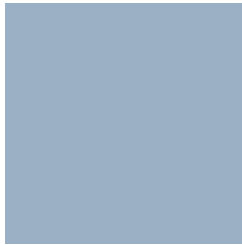


210011



# Previews

## White Background



This preview shows how the Hex color 9BB0C4 looks on a white background.

## Color Contrast Check

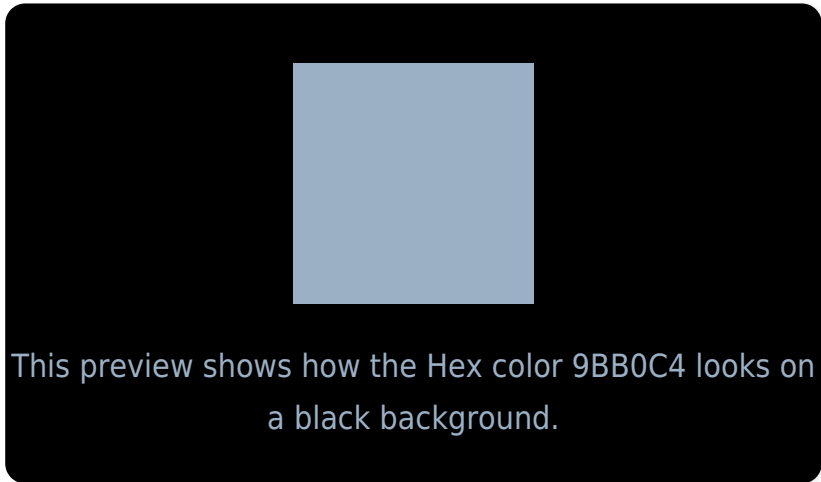
Large Text (above 18pt) WCAG AA × Fail

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

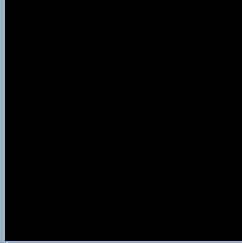
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

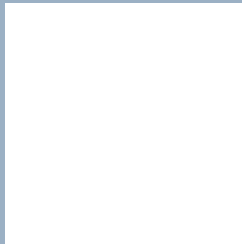
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BB0C4 Background



This preview shows how black text looks on a background with the Hex color 9BB0C4.

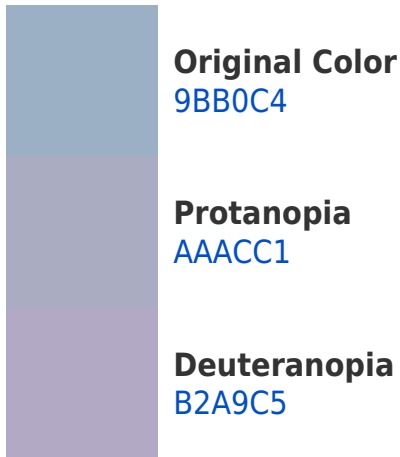


This preview shows how white text looks on a background with the Hex color 9BB0C4.

# 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](#).

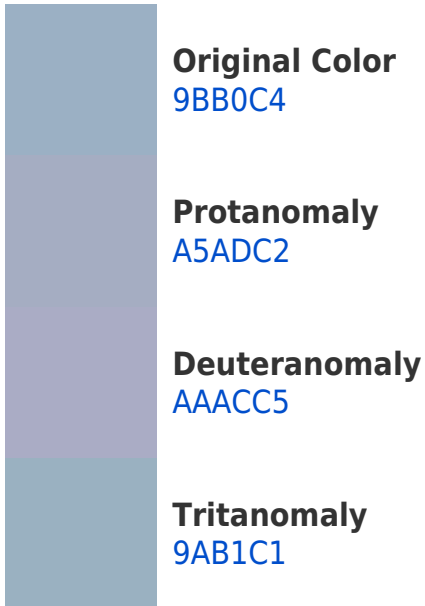
## Dichromacy



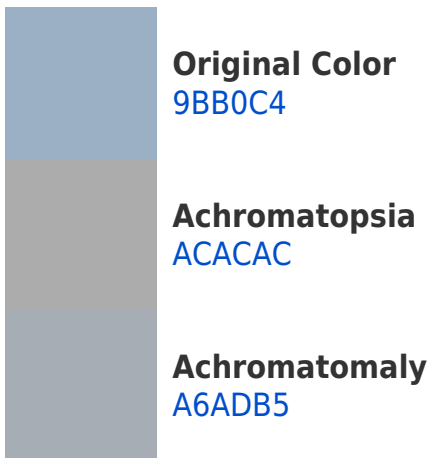


**Tritanopia**  
9AB1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BB0C4 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 #9BB0C4 looks like.

```
.text, #text, p{  
    color:#9BB0C4  
}
```

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 #9BB0C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BB0C4
}
```

## Border

The CSS property to change the border of an element to Hex 9BB0C4 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
#9BB0C4 }
```

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

```
.border{ border-color:#9BB0C4 }
```

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

Here you see how a box with a 4 pixel #9BB0C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BB0C4; -webkit-box-shadow:4px 4px  
4px 4px #9BB0C4; box-shadow:4px 4px 4px  
4px #9BB0C4 }
```

# Background

The CSS property to change the background color of an element to Hex 9BB0C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BB0C4 }
```

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

```
.background{ background-color:#9BB0C4 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor