

# Converting Colors

Hex(9BACB8)

Have a look what the booklet for  
Hex(9BACB8) contains.

<b>Hex(9BACB8)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(9BACB8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BACB8
RGB	155, 172, 184
RGB Percent	61%, 67%, 72%
CMY	0.3922, 0.3255, 0.2784
CMYK	0.16, 0.07, 0.00, 0.28
HSL	205°, 17%, 66%
HSV	205°, 16%, 72%
XYZ	36.9218, 39.9343, 51.1095
YIQ	168.2850, -13.9840, 0.1280

# Conversions

## Conversions Part 2

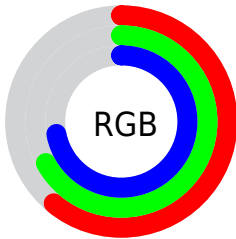
Format	Color
<a href="#">RYB</a>	<a href="#">155, 166, 184</a>
Decimal	<a href="#">10202296</a>
CIELab	<a href="#">69.42, -3.38, -8.15</a>
CIElCh	<a href="#">69, 8.824, 247.505</a>
Yxy	<a href="#">39.9343, 0.2885, 0.3121</a>
Android (android.graphics.Color)	<a href="#">4288392376 (0xFF9BACB8)</a>
YUV	<a href="#">168.2850, 7.7475, -11.6509</a>
Hunter-Lab	<a href="#">63.1936, -6.2974, -3.7169</a>

# Details

The Hex color **9BACB8** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B8A79B**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **D2E3F0**, and **687883** is the 20% darker color. If you saturate the color by 10%, you get **89A4B8**, and if you desaturate by 10%, it is **ADB4B8**.

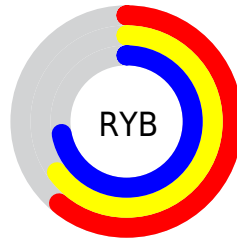
# Distribution



Red (61%)

Green (67%)

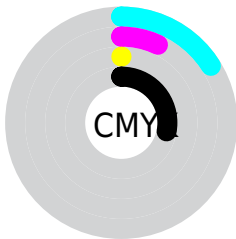
Blue (72%)



Red (61%)

Yellow (65%)

Blue (72%)

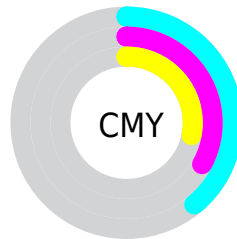


Cyan (16%)

Magenta (7%)

Yellow (0%)

Black (28%)



Cyan (39%)

Magenta (33%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BACB8 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 9BACB8 by changing the saturation by 10% instead.



■ 9BACB8

■ 9BACB8

FFFFFF

■ 81919D

■ D2E3F0

■ 687883

■ EEEFFF

■ 4F5F6A

■ 384752

■ 22313B

■ 0C1C25

■ 000110

■ 000000

■ 9BACB8

■ 9BACB8

89A4B8

ADB4B8

769DB8

C0BBB8

6495B8

D2C3B8

518EB8

E5CAB8

3F86B8

F7D2B8

2D7EB8

FFDAB8

1A77B8

FFE1B8

086FB8

FFE9B8

006CB8

FFF1B8

# Harmonies

## Analogous

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



96AEB3



9BACB8



A4A9B9

# Triad

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



9BACB8



BBA4A8



A5AC9D

# Complementary

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



9BACB8



B8A79B

# 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.



AEEA9A



9BACB8



BAA5A0

# Square

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



9BACB8



B6A5B0



B6A79B



9CAEA3

# Rectangle

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



9BACB8



AAA8B8



B6A79B



A8AB9B



# Sweetspot

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



9BACB8



E4EBF0



9BB8A7



717578



F7F7F7



787878



# Same Dimension

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



9BACB8



C2DDF0



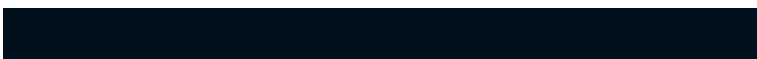
9B9EB8



53585C



005B9C



00101C



# Inverse Universe

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



B89BAC



F0C2DD



B8B59B



5C5358



9C005B

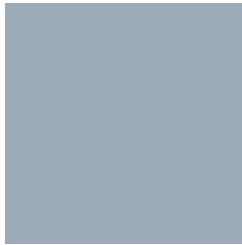


1C0010



# Previews

## White Background



This preview shows how the Hex color 9BACB8 looks on a white background.

## Color Contrast Check

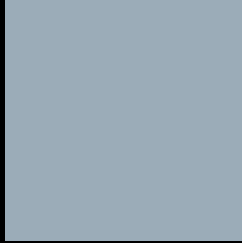
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 9BACB8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

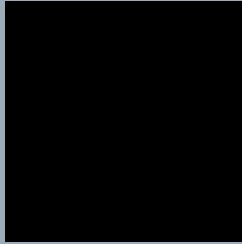
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

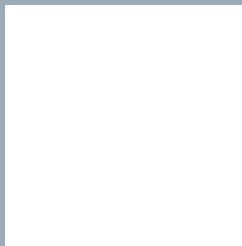
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BACB8 Background



This preview shows how black text looks on a background with the Hex color 9BACB8.

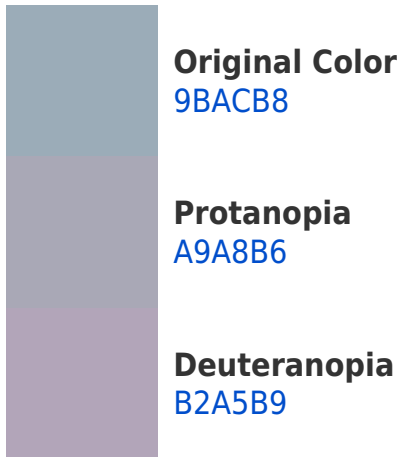


This preview shows how white text looks on a background with the Hex color 9BACB8.

# 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](#).

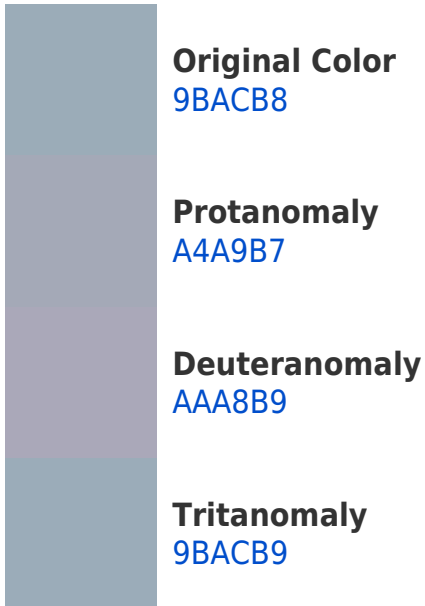
## Dichromacy



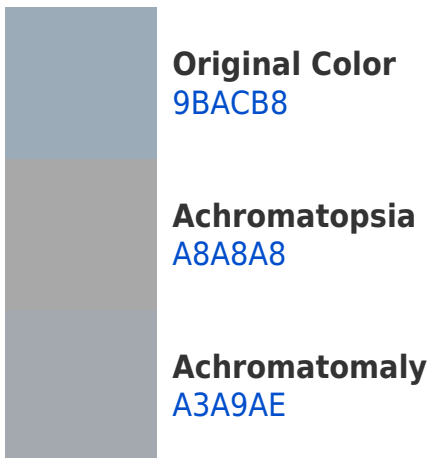


**Tritanopia**  
9BACB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BACB8 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 #9BACB8 looks like.

```
.text, #text, p{  
    color:#9BACB8  
}
```

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 #9BACB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BACB8  
}
```

## Border

The CSS property to change the border of an element to Hex 9BACB8 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  
#9BACB8 }
```

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

```
.border{ border-color:#9BACB8 }
```

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

Here you see how a box with a 4 pixel #9BACB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BACB8; -webkit-box-shadow:4px 4px  
4px 4px #9BACB8; box-shadow:4px 4px 4px  
4px #9BACB8 }
```

# Background

The CSS property to change the background color of an element to Hex 9BACB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BACB8 }
```

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

```
.background{ background-color:#9BACB8 }
```

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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