

# Converting Colors

Hex(9BBBAF)

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

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# **Color**

**Hex(9BBBAF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BBBAF
RGB	155, 187, 175
RGB Percent	61%, 73%, 69%
CMY	0.3922, 0.2667, 0.3137
CMYK	0.17, 0.00, 0.06, 0.27
HSL	158°, 19%, 67%
HSV	158°, 17%, 73%
XYZ	39.0258, 45.6044, 47.3031
YIQ	176.0640, -15.2200, -10.5160

# Conversions

## Conversions Part 2

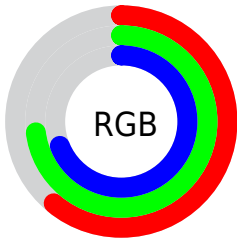
Format	Color
<a href="#">RYB</a>	<a href="#">155, 175, 187</a>
Decimal	<a href="#">10206127</a>
CIELab	<a href="#">73.29, -13.24, 2.47</a>
CIElCh	<a href="#">73, 13.464, 169.427</a>
Yxy	<a href="#">45.6044, 0.2958, 0.3457</a>
Android (android.graphics.Color)	<a href="#">4288396207</a> ( <a href="#">0xFF9BBBAF</a> )
YUV	<a href="#">176.0640, -0.5246, -18.4731</a>
Hunter-Lab	<a href="#">67.5310, -15.0252, 5.7411</a>

# Details

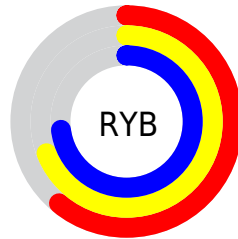
The Hex color **9BBBAF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BB9BA7**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **D2F3E6**, and **67867B** is the 20% darker color. If you saturate the color by 10%, you get **88BBA8**, and if you desaturate by 10%, it is **AEBBB6**.

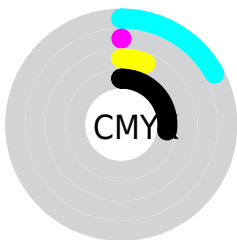
# Distribution



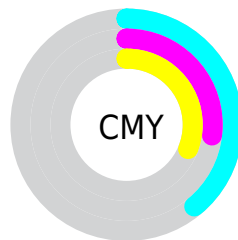
- Red (61%)
- Green (73%)
- Blue (69%)



- Red (61%)
- Yellow (69%)
- Blue (73%)



- Cyan (17%)
- Magenta (0%)
- Yellow (6%)
- Black (27%)



- Cyan (39%)
- Magenta (27%)
- Yellow (31%)

# Brightness & Saturation Gradients

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





9BBBAF



9BBBAF

FFFFFF



81A094



D2F3E6



67867B



EEFFFF



4F6C62



37544A



213D33



0B271E



001305



000000



9BBBAF



9BBBAF

88BBA8

AEBBB6

76BBA1

C0BBBD

63BB9A

D3BBC4

50BB93

E6BBCB

3DBB8C

F8BBD2

2BBB85

FFBBD9

18BB7E

FFBBE0

05BB77

FFBBE7

00BB75

FFBBEE

# Harmonies

## Analogous

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



A7B9A4



9BBBAF



95BBBC

# Triad

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



9BBBAF



B1B2CB



CBAEA2

# Complementary

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



9BBBAF



BB9BA7

# 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.



CFACAC



9BBBAF



C0AEC4

# Square

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



9BBBAF



A2B6CC



CAACB9



C2B29C

# Rectangle

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



9BBBAF



95BAC3



CAACB9



CDADA5



# Sweetspot

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



9BBBAF



E6F2EE



A7BB9B



737A78



FAFAFA



7A7A7A



# Same Dimension

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



9BBBAF



BFF2DF



9BB7BB



555E5B



009E63



001F13



# Inverse Universe

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



BB9BA7



F2BFD2



BB9F9B



5E5558



9E003B

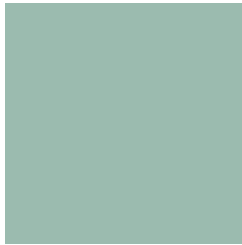


1F000B



# Previews

## White Background



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

## Color Contrast Check

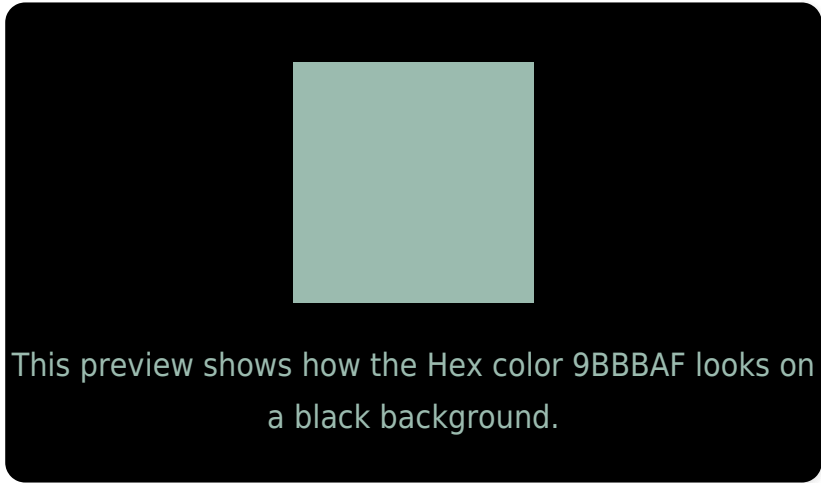
Large Text (above 18pt) WCAG AA × Fail

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

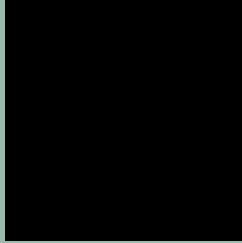
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

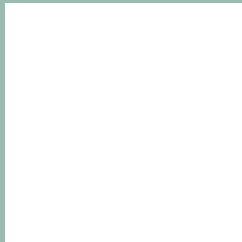
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BBBAF Background



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

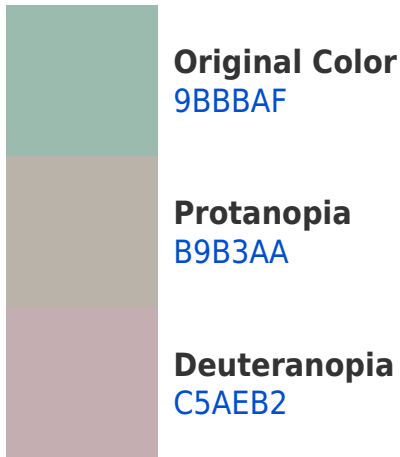


This preview shows how white text looks on a background with the Hex color 9BBBAF.

# 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](#).

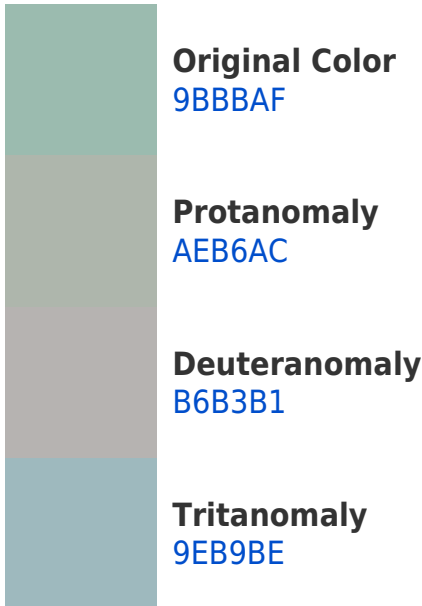
## Dichromacy



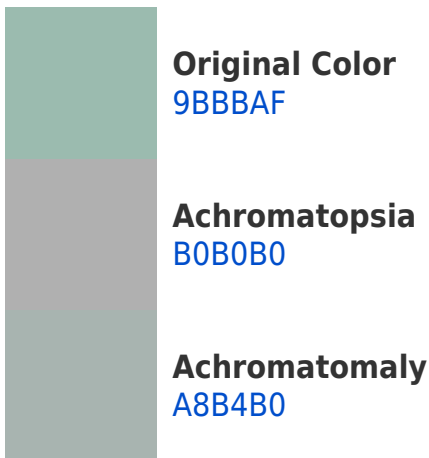


**Tritanopia**  
9FB8C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #9BBBAF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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