

# Converting Colors

Hex(9BB0A3)

Have a look what the booklet for  
Hex(9BB0A3) contains.

<b>Hex(9BB0A3)</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(9BB0A3)**

# Conversions

Conversions Part 1	
Format	Color
Hex	9BB0A3
RGB	155, 176, 163
RGB Percent	61%, 69%, 64%
CMY	0.3922, 0.3098, 0.3608
CMYK	0.12, 0.00, 0.07, 0.31
HSL	143°, 12%, 65%
HSV	143°, 12%, 69%
XYZ	35.6538, 40.6636, 40.6200
YIQ	168.2390, -8.3430, -8.4950

# Conversions

## Conversions Part 2

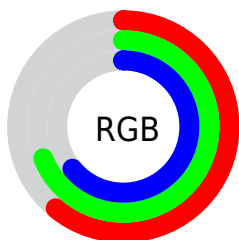
Format	Color
<a href="#">RYB</a>	<a href="#">155, 170, 176</a>
Decimal	<a href="#">10203299</a>
CIELab	<a href="#">69.94, -9.83, 4.20</a>
CIELCh	<a href="#">70, 10.687, 156.884</a>
Yxy	<a href="#">40.6636, 0.3049, 0.3477</a>
Android (android.graphics.Color)	<a href="#">4288393379</a> (0xFF9BB0A3)
YUV	<a href="#">168.2390, -2.5828, -11.6106</a>
Hunter-Lab	<a href="#">63.7680, -11.7916, 6.8700</a>

# Details

The Hex color **9BB0A3** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B09BA8**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **D2E8DA**, and **687B6F** is the 20% darker color. If you saturate the color by 10%, you get **89B098**, and if you desaturate by 10%, it is **ADB0AE**.

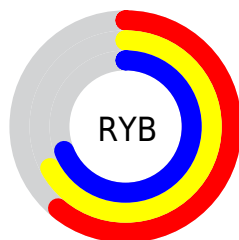
# Distribution



Red (61%)

Green (69%)

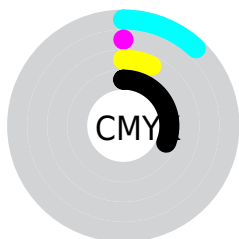
Blue (64%)



Red (61%)

Yellow (67%)

Blue (69%)

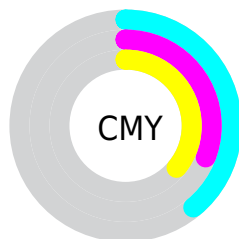


Cyan (12%)

Magenta (0%)

Yellow (7%)

Black (31%)



Cyan (39%)

Magenta (31%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BB0A3 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 9BB0A3 by changing the saturation by 10% instead.



 9BB0A3

FFFFFF

 D2E8DA

 EEFF6

 9BB0A3

 819589

 687B6F

 506357

 384B40

 23342A

 0E1F15

 000000

 9BB0A3

 89B098

 9BB0A3

 ADB0AE

 78B08D

 BEB0B9

 66B082

 D0B0C4

 55B077

 E1B0CF

 43B06D

 F3B0D9

 31B062

 FFB0E4

 20B057

 FFB0EF

 0EB04C

 FFB0FA

 00B043

 FFB0FF

# Harmonies

## Analogous

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



A5AE9B



9BB0A3



94B1AD

# Triad

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



9BB0A3



A4ABBE



BFA5A0

# Complementary

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



9BB0A3



B09BA8

# 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.



BFA4A9



9BB0A3



B0A8BA

# Square

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



9BB0A3



99AEBC



BAA5B3



BAA899

# Rectangle

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



9BB0A3



93B0B3



BAA5B3



C0A5A3



# Sweetspot

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



9BB0A3



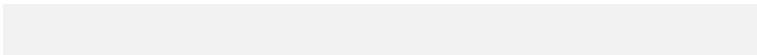
DCE6E0



A8B09B



6D736F



F2F2F2



737373



# Same Dimension

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



9BB0A3



C5E6D2



9BB0AD



505954



00993A



001A0A



# Inverse Universe

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



B09BA8



E6C5D9



B09B9E



595056



99005F

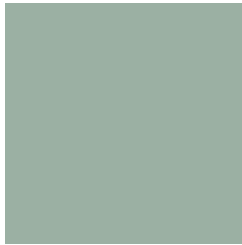


1A0010



# Previews

## White Background



This preview shows how the Hex color 9BB0A3 looks on a white background.

## Color Contrast Check

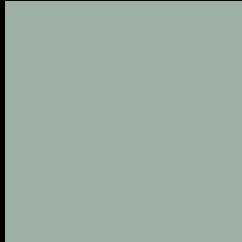
Large Text (above 18pt) WCAG AA × Fail

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 9BB0A3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

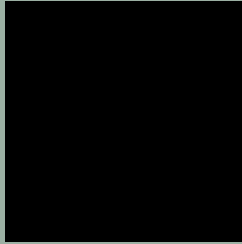
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

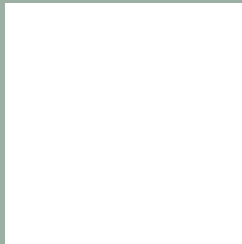
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BB0A3 Background



This preview shows how black text looks on a background with the Hex color 9BB0A3.



This preview shows how white text looks on a background with the Hex color 9BB0A3.

# 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



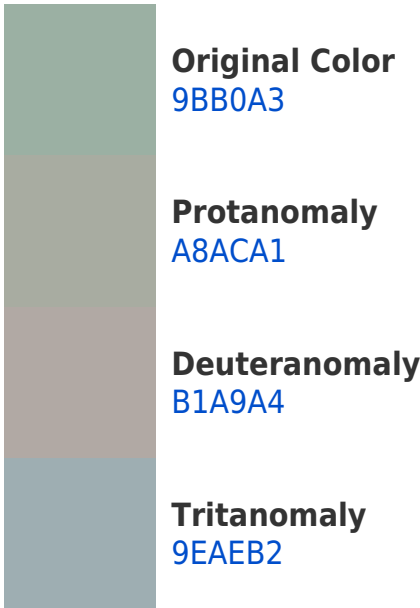
**Original Color**  
9BB0A3

**Protanopia**  
B0AAA0

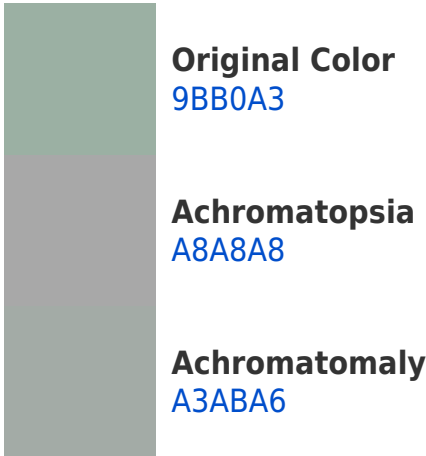
**Deuteranopia**  
BDA5A5



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BB0A3 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 #9BB0A3 looks like.

```
.text, #text, p{  
    color:#9BB0A3  
}
```

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 #9BB0A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BB0A3
}
```

## Border

The CSS property to change the border of an element to Hex 9BB0A3 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
#9BB0A3 }
```

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

```
.border{ border-color:#9BB0A3 }
```

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

Here you see how a box with a 4 pixel #9BB0A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BB0A3; -webkit-box-shadow:4px 4px  
4px 4px #9BB0A3; box-shadow:4px 4px 4px  
4px #9BB0A3 }
```

# Background

The CSS property to change the background color of an element to Hex 9BB0A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BB0A3 }
```

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

```
.background{ background-color:#9BB0A3 }
```

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