

Converting Colors

Hex(9BAA9E)

Have a look what the booklet for
Hex(9BAA9E) contains.

Hex(9BAA9E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9BAA9E)

Conversions

Conversions Part 1

Format	Color
Hex	9BAA9E
RGB	155, 170, 158
RGB Percent	61%, 67%, 62%
CMY	0.3922, 0.3333, 0.3804
CMYK	0.09, 0.00, 0.07, 0.33
HSL	132°, 8%, 64%
HSV	132°, 9%, 67%
XYZ	34.0638, 38.1866, 37.9232
YIQ	164.1470, -5.0880, -6.9120

Conversions

Conversions Part 2

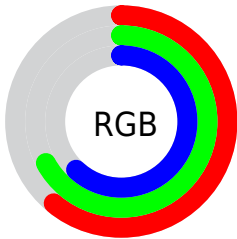
Format	Color
RYB	155, 168, 170
Decimal	10201758
CIELab	68.16, -7.59, 4.38
CIElCh	68, 8.766, 149.997
Yxy	38.1866, 0.3092, 0.3466
Android (android.graphics.Color)	4288391838 (0xFF9BAA9E)
YUV	164.1470, -3.0305, -8.0219
Hunter-Lab	61.7953, -9.7461, 6.8711

Details

The Hex color **9BAA9E** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AA9BA7**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **D1E1D5**, and **68766B** is the 20% darker color. If you saturate the color by 10%, you get **8AAA90**, and if you desaturate by 10%, it is **ACAAAC**.

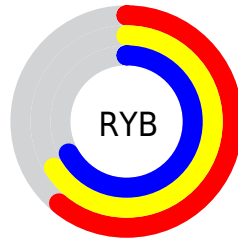
Distribution



Red (61%)

Green (67%)

Blue (62%)



Red (61%)

Yellow (66%)

Blue (67%)

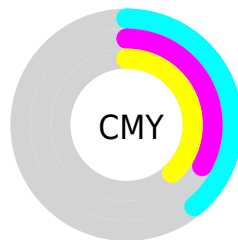


Cyan (9%)

Magenta (0%)

Yellow (7%)

Black (33%)



Cyan (39%)

Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9BAA9E 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 9BAA9E by changing the saturation by 10% instead.

■ 9BAA9E

■ 9BAA9E

FFFFFF

■ 819084

■ D1E1D5

■ 68766B

■ EEFEF1

■ 505D53

■ 39463C

■ 232F26

■ 0E1B11

■ 000000

■ 9BAA9E

■ 9BAA9E

■ 8AAA90

■ ACAAAC

79AA83

BDAAB9

68AA75

CEAAC7

57AA68

DFAAD4

46AA5A

F0AAE2

35AA4C

FFAAF0

24AA3F

FFAAFD

13AA31

FFAAFF

02AA24

Harmonies

Analogous

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



A4A898



9BAA9E



95ABA6

Triad

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



9BAA9E



9EA7B6



B7A19F

Complementary

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



9BAA9E



AA9BA7

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.



B6A1A6



9BAA9E



A8A4B4

Square

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



9BAA9E



96A9B4



B1A2AE



B4A399

Rectangle

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



9BAA9E



93ABAB



B1A2AE



B7A1A1

Sweetspot

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



9BAA9E



D7DED9



A7AA9B



6C706D



F0F0F0



707070

Same Dimension

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



9BAA9E



C5DECA



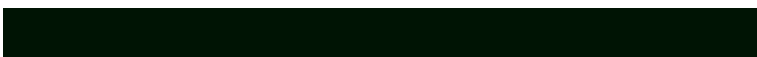
9BAAA5



4C544D



00941E



001404

Inverse Universe

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



AA9BA7



DEC5D9



AA9B9F



544C52



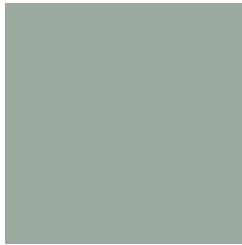
940076



140010

Previews

White Background



This preview shows how the Hex color 9BAA9E looks on a white background.

Color Contrast Check

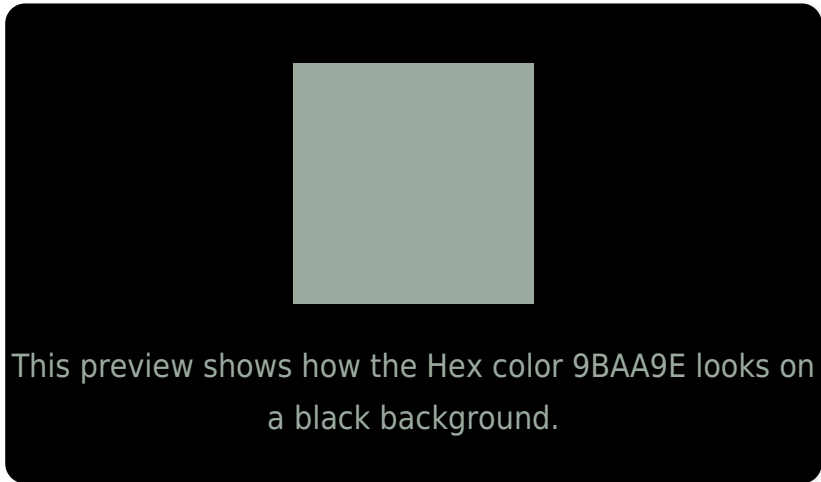
Large Text (above 18pt) WCAG AA × Fail

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

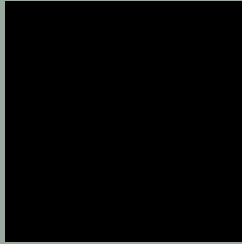
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

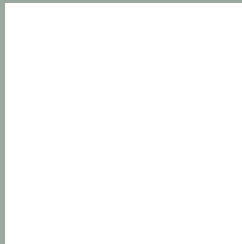
Any Text WCAG AAA ✓ Pass

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

Hex 9BAA9E Background



This preview shows how black text looks on a background with the Hex color 9BAA9E.

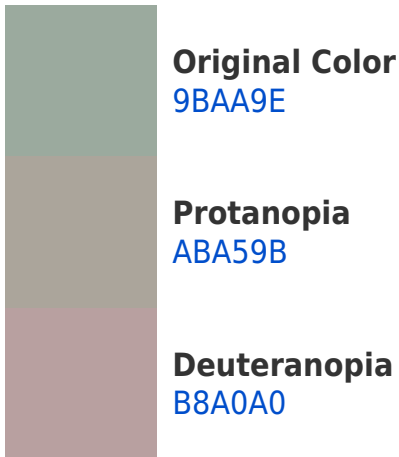


This preview shows how white text looks on a background with the Hex color 9BAA9E.

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](#).

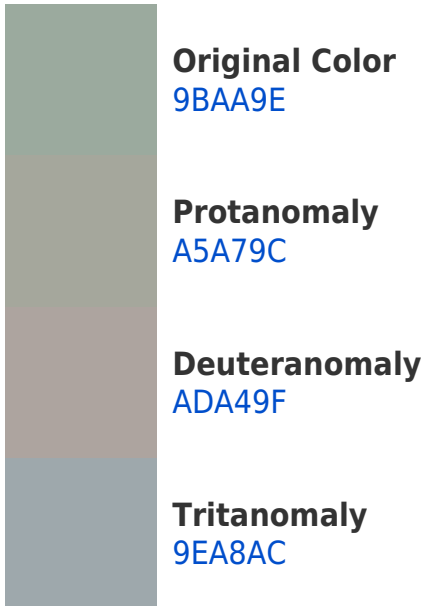
Dichromacy



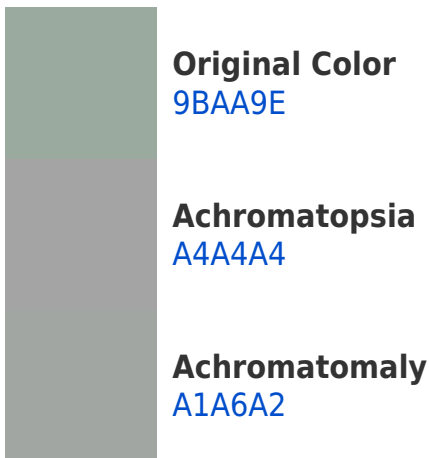


Tritanopia
9FA7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9BAA9E 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 #9BAA9E looks like.

```
.text, #text, p{  
    color:#9BAA9E  
}
```

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 #9BAA9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BAA9E
}
```

Border

The CSS property to change the border of an element to Hex 9BAA9E 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
#9BAA9E }
```

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

```
.border{ border-color:#9BAA9E }
```

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

Here you see how a box with a 4 pixel #9BAA9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BAA9E; -webkit-box-shadow:4px 4px  
4px 4px #9BAA9E; box-shadow:4px 4px 4px  
4px #9BAA9E }
```

Background

The CSS property to change the background color of an element to Hex 9BAA9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BAA9E }
```

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

```
.background{ background-color:#9BAA9E }
```

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