

# Converting Colors

Hex(9FAA89)

Have a look what the booklet for  
Hex(9FAA89) contains.

<b>Hex(9FAA89)</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(9FAA89)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FAA89
RGB	159, 170, 137
RGB Percent	62%, 67%, 54%
CMY	0.3765, 0.3333, 0.4627
CMYK	0.06, 0.00, 0.19, 0.33
HSL	80°, 16%, 60%
HSV	80°, 19%, 67%
XYZ	33.1882, 37.9265, 29.2383
YIQ	162.9490, 4.0370, -12.5950

# Conversions

## Conversions Part 2

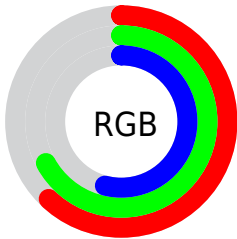
Format	Color
<a href="#">RYB</a>	<a href="#">137, 170, 148</a>
Decimal	<a href="#">10463881</a>
CIELab	<a href="#">67.97, -9.84, 15.74</a>
CIELCh	<a href="#">68, 18.559, 122.003</a>
Yxy	<a href="#">37.9265, 0.3307, 0.3779</a>
Android (android.graphics.Color)	<a href="#">4288653961 (0xFF9FAA89)</a>
YUV	<a href="#">162.9490, -12.7929, -3.4633</a>
Hunter-Lab	<a href="#">61.5845, -11.5785, 14.9603</a>

# Details

The Hex color **9FAA89** is a light color, and the websafe version is hex **999966**. A complement of this color would be **9489AA**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **D6E1BE**, and **6B7657** is the 20% darker color. If you saturate the color by 10%, you get **99AA78**, and if you desaturate by 10%, it is **A5AA9A**.

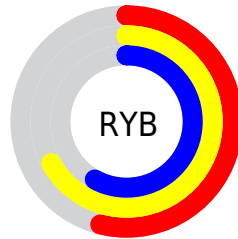
# Distribution



Red (62%)

Green (67%)

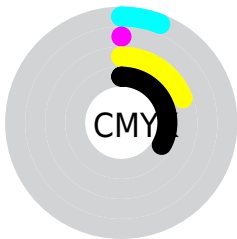
Blue (54%)



Red (54%)

Yellow (67%)

Blue (58%)

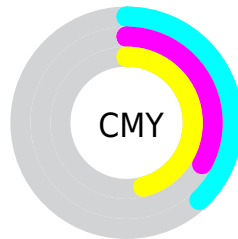


Cyan (6%)

Magenta (0%)

Yellow (19%)

Black (33%)



Cyan (38%)

Magenta (33%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FAA89 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 9FAA89 by changing the saturation by 10% instead.





9FAA89



9FAA89

FFFFFF



859070



D6E1BE



6B7657



F2FEDA



535D40



FFFFFF7



3C4629



252F15



121B00



000000



9FAA89



9FAA89



99AA78



A5AA9A

94AA67

AAAAAB

8EAA56

B0AABC

88AA45

B6AACD

83AA34

BBAADE

7DAA23

C1AAEF

77AA12

C7AAFF

72AA01

CCAAFF

71AA00

D2AAFF

# Harmonies

## Analogous

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



B2A584



9FAA89



8CAE95

# Triad

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



9FAA89



81ACC3



C79AA5

# Complementary

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



9FAA89



9489AA

# 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.



BC9CB6



9FAA89



94A7C7

# Square

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



9FAA89



78AFB7



AAA1C2



C89B95

# Rectangle

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



9FAA89



81AFA0



AAA1C2



C59AAB



# Sweetspot

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



9FAA89



D9DED1



AA9489



6E7068



F0F0F0



707070



# Same Dimension

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



9FAA89



CDDEAB



8FAA89



51544C



639400



0E1400



# Inverse Universe

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



9489AA



BCABDE



A489AA



4F4C54



310094



070014



# Previews

## White Background



This preview shows how the Hex color 9FAA89 looks on a white background.

## Color Contrast Check

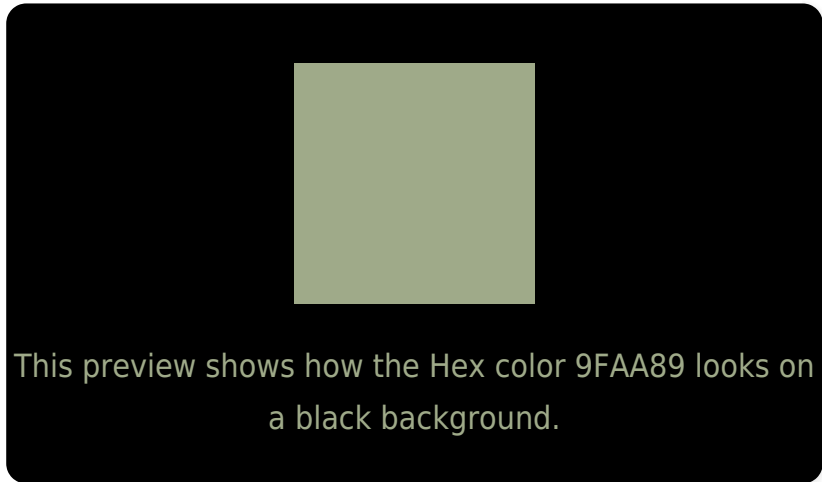
Large Text (above 18pt) WCAG AA × Fail

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

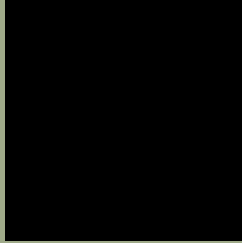
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9FAA89 Background



This preview shows how black text looks on a background with the Hex color 9FAA89.

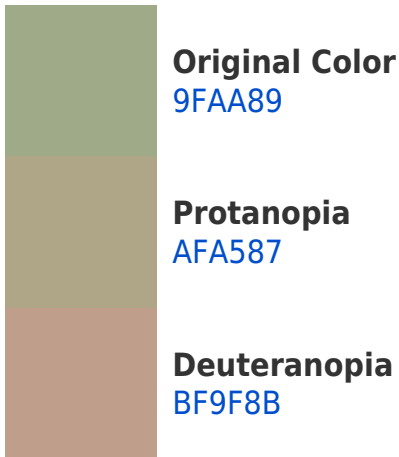


This preview shows how white text looks on a background with the Hex color 9FAA89.

# 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](#).

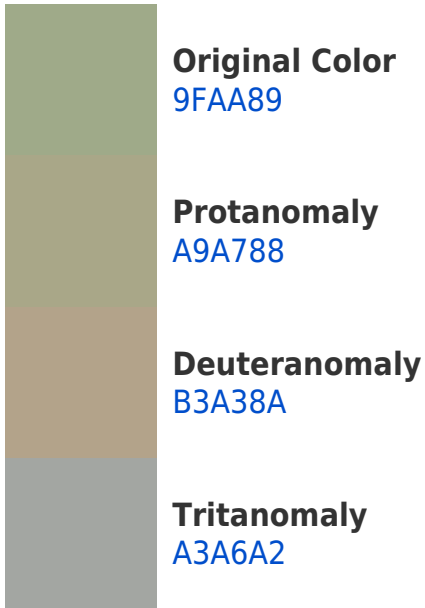
## Dichromacy



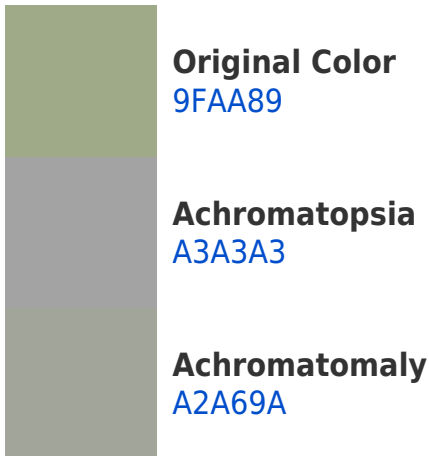


**Tritanopia**  
A5A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FAA89 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 #9FAA89 looks like.

```
.text, #text, p{  
    color:#9FAA89  
}
```

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 #9FAA89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FAA89  
}
```

## Border

The CSS property to change the border of an element to Hex 9FAA89 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  
#9FAA89 }
```

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

```
.border{ border-color:#9FAA89 }
```

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

Here you see how a box with a 4 pixel #9FAA89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FAA89; -webkit-box-shadow:4px 4px  
4px 4px #9FAA89; box-shadow:4px 4px 4px  
4px #9FAA89 }
```

# Background

The CSS property to change the background color of an element to Hex 9FAA89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FAA89 }
```

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

```
.background{ background-color:#9FAA89 }
```

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