

# Converting Colors

Hex(9FA38F)

Have a look what the booklet for  
Hex(9FA38F) contains.

<b>Hex(9FA38F)</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(9FA38F)

# Conversions

## Conversions Part 1

Format	Color
Hex	9FA38F
RGB	159, 163, 143
RGB Percent	62%, 64%, 56%
CMY	0.3765, 0.3608, 0.4392
CMYK	0.02, 0.00, 0.12, 0.36
HSL	72°, 10%, 60%
HSV	72°, 12%, 64%
XYZ	32.3532, 35.5485, 31.1429
YIQ	159.5240, 4.0360, -7.0680

# Conversions

## Conversions Part 2

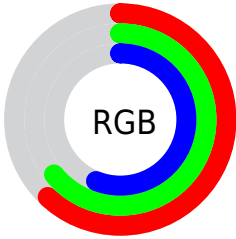
Format	Color
<a href="#">RYB</a>	<a href="#">143, 163, 147</a>
Decimal	<a href="#">10462095</a>
CIELab	<a href="#">66.17, -5.09, 9.90</a>
CIElCh	<a href="#">66, 11.134, 117.179</a>
Yxy	<a href="#">35.5485, 0.3267, 0.3589</a>
Android (android.graphics.Color)	<a href="#">4288652175 (0xFF9FA38F)</a>
YUV	<a href="#">159.5240, -8.1463, -0.4595</a>
Hunter-Lab	<a href="#">59.6225, -7.4794, 10.7665</a>

# Details

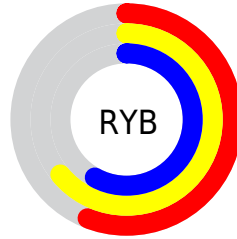
The Hex color **9FA38F** is a light color, and the websafe version is hex **999999**. A complement of this color would be **938FA3**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **D6DAC5**, and **6C6F5D** is the 20% darker color. If you saturate the color by 10%, you get **9CA37F**, and if you desaturate by 10%, it is **A2A39F**.

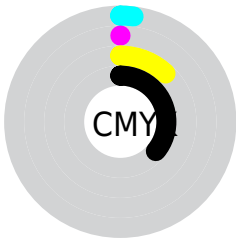
# Distribution



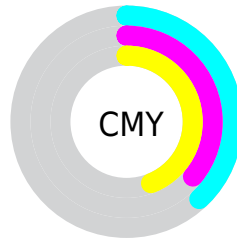
- Red (62%)
- Green (64%)
- Blue (56%)



- Red (56%)
- Yellow (64%)
- Blue (58%)



- Cyan (2%)
- Magenta (0%)
- Yellow (12%)
- Black (36%)



- Cyan (38%)
- Magenta (36%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FA38F 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 9FA38F by changing the saturation by 10% instead.





9FA38F



9FA38F

FFFFFF



858975



D6DAC5



6C6F5D



F2F6E1



535745

FFFFFFD



3C402F



262A1A



121500



000000



9FA38F



9FA38F



9CA37F



A2A39F

98A36E

A6A3B0

95A35E

A9A3C0

92A34E

ACA3D0

8FA33E

AFA3E1

8BA32D

B3A3F1

88A31D

B6A3FF

85A30D

B9A3FF

82A300

BCA3FF

# Harmonies

## Analogous

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



AAA08D



9FA38F



94A696

# Triad

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



9FA38F



8BA5B1



B59AA2

# Complementary

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



9FA38F



938FA3

# 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.



AD9CAC



9FA38F



95A2B5

# Square

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



9FA38F



88A7AA



A29FB3



B69B98

# Rectangle

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



9FA38F



8DA79C



A29FB3



B39AA6



# Sweetspot

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



9FA38F



D2D4CB



A3938F



6A6B66



EBEBEB



6B6B6B



# Same Dimension

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



9FA38F



CDD4B4



95A38F



505249



749100



0E1200



# Inverse Universe

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



938FA3



BAB4D4



9D8FA3



4B4952



1D0091



040012



# Previews

## White Background



This preview shows how the Hex color 9FA38F looks on a white background.

## Color Contrast Check

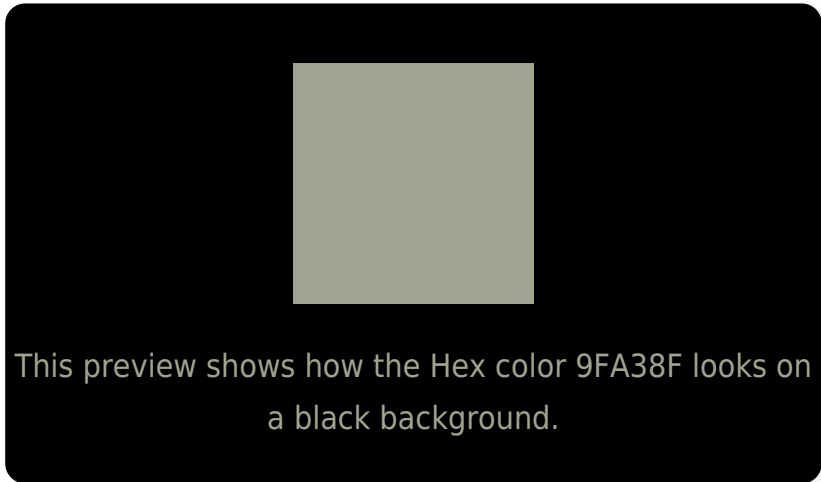
Large Text (above 18pt) WCAG AA × Fail

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

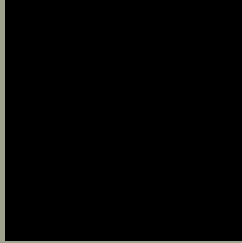
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9FA38F Background



This preview shows how black text looks on a background with the Hex color 9FA38F.

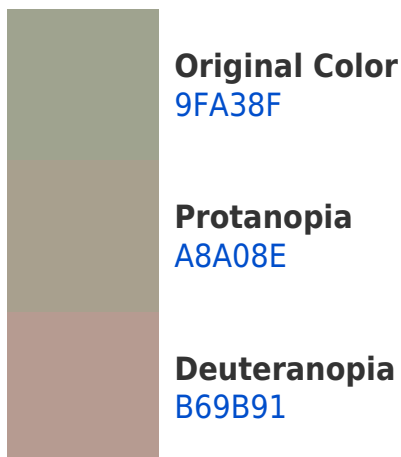


This preview shows how white text looks on a background with the Hex color 9FA38F.

# 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





# Trichromacy



**Original Color**  
9FA38F

**Protanomaly**  
A5A18E

**Deuteranomaly**  
AE9E90

**Tritanomaly**  
A2A0A1

# Monochromacy



**Original Color**  
9FA38F

**Achromatopsia**  
A0A0A0

**Achromatomaly**  
A0A19A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FA38F 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 #9FA38F looks like.

```
.text, #text, p{  
    color:#9FA38F  
}
```

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 #9FA38F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FA38F
}
```

## Border

The CSS property to change the border of an element to Hex 9FA38F 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
#9FA38F }
```

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

```
.border{ border-color:#9FA38F }
```

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

Here you see how a box with a 4 pixel #9FA38F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FA38F; -webkit-box-shadow:4px 4px  
4px 4px #9FA38F; box-shadow:4px 4px 4px  
4px #9FA38F }
```

# Background

The CSS property to change the background color of an element to Hex 9FA38F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FA38F }
```

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

```
.background{ background-color:#9FA38F }
```

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