

# Converting Colors

Hex(9FAE97)

Have a look what the booklet for  
Hex(9FAE97) contains.

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# **Color**

**Hex(9FAE97)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FAE97
RGB	159, 174, 151
RGB Percent	62%, 68%, 59%
CMY	0.3765, 0.3176, 0.4078
CMYK	0.09, 0.00, 0.13, 0.32
HSL	99°, 12%, 64%
HSV	99°, 13%, 68%
XYZ	35.0200, 39.8774, 35.1295
YIQ	166.8930, -1.5570, -10.3330

# Conversions

## Conversions Part 2

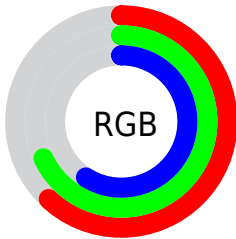
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">151, 174, 166</a>
Decimal	<a href="#">10464919</a>
CIELab	<a href="#">69.38, -9.58, 10.04</a>
CIELCh	<a href="#">69, 13.873, 133.650</a>
Yxy	<a href="#">39.8774, 0.3183, 0.3624</a>
Android (android.graphics.Color)	<a href="#">4288654999 (0xFF9FAE97)</a>
YUV	<a href="#">166.8930, -7.8352, -6.9222</a>
Hunter-Lab	<a href="#">63.1486, -11.5199, 11.2210</a>

# Details

The Hex color **9FAE97** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A697AE**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **D6E5CD**, and **6B7A64** is the 20% darker color. If you saturate the color by 10%, you get **94AE86**, and if you desaturate by 10%, it is **AAAEA8**.

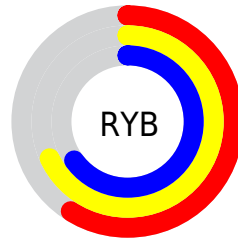
# Distribution



Red (62%)

Green (68%)

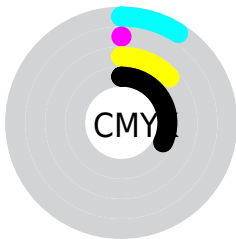
Blue (59%)



Red (59%)

Yellow (68%)

Blue (65%)

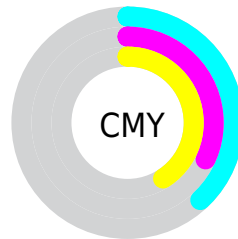


Cyan (9%)

Magenta (0%)

Yellow (13%)

Black (32%)



Cyan (38%)

Magenta (32%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FAE97 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 9FAE97 by changing the saturation by 10% instead.





9FAE97



9FAE97

FFFFFF



85937D



D6E5CD



6B7A64



F2FFE9



53614C



3C4935



263220



121D09



000000



9FAE97



9FAE97



94AE86



AA8E86

 88AE74

 B6AEBA

 7DAE63

 C1AECB

 72AE51

 CCAEDD

 66AE40

 D8AEED

 5BAE2F

 E3AEFF

 50AE1D

 EEAEFF

 44AE0C

 FAAEFF

 3DAE00

 FFAEFF

# Harmonies

## Analogous

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



[ADAA91](#)



[9FAE97](#)



[92B0A2](#)

# Triad

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



9FAE97



94ADC1



C4A1A4

# Complementary

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



9FAE97



A697AE

# 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.



BFA2B1



9FAE97



A3A9C2

# Square

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



9FAE97



8AB0BA



B3A4BC



C2A399

# Rectangle

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



9FAE97



8CB1AB



B3A4BC



C3A1A8



# Sweetspot

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



9FAE97



DDE3DA



AEA697



6F736D



F2F2F2



737373



# Same Dimension

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



9FAE97



CBE3BF



97AE9A



51574E



349600



081700



# Inverse Universe

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



A697AE



D6BFE3



AE97AB



544E57



620096

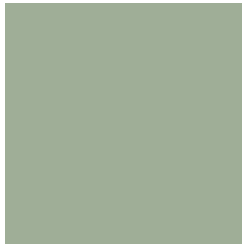


0F0017



# Previews

## White Background



This preview shows how the Hex color 9FAE97 looks on a white background.

## Color Contrast Check

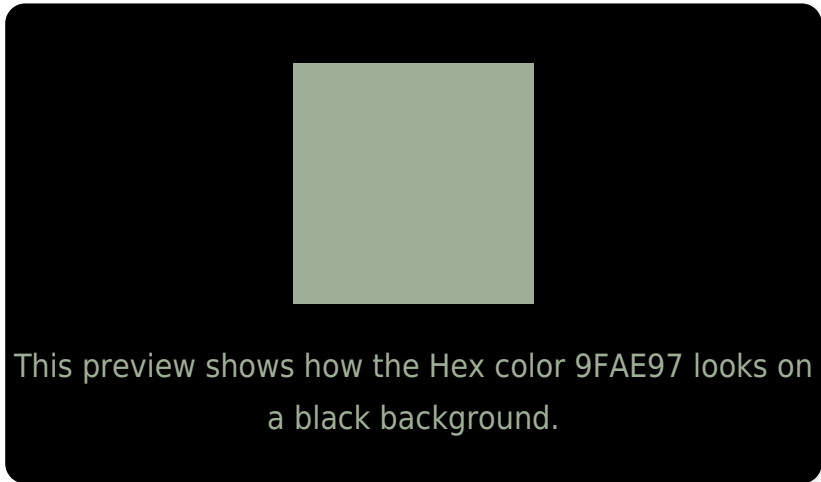
Large Text (above 18pt) WCAG AA × Fail

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

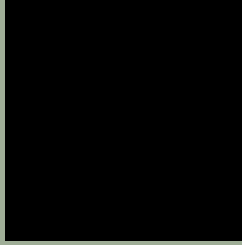
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

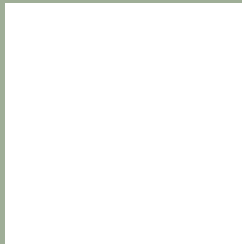
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9FAE97 Background



This preview shows how black text looks on a background with the Hex color 9FAE97.

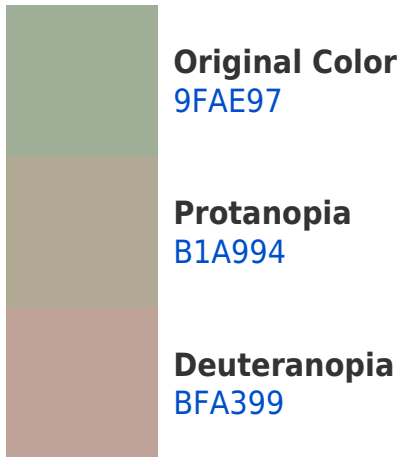


This preview shows how white text looks on a background with the Hex color 9FAE97.

# 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](#).

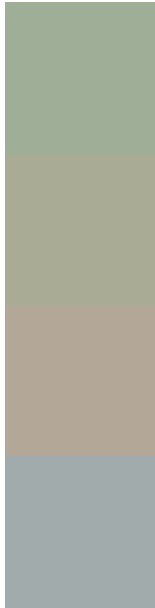
## Dichromacy





**Tritanopia**  
A4A9B7

# Trichromacy



**Original Color**  
9FAE97

**Protanomaly**  
AAAB95

**Deuteranomaly**  
B3A798

**Tritanomaly**  
A2ABAB

# Monochromacy



**Original Color**  
9FAE97

**Achromatopsia**  
A7A7A7

**Achromatomaly**  
A4AAA1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FAE97 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 #9FAE97 looks like.

```
.text, #text, p{  
    color:#9FAE97  
}
```

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 #9FAE97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FAE97
}
```

## Border

The CSS property to change the border of an element to Hex 9FAE97 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
#9FAE97 }
```

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

```
.border{ border-color:#9FAE97 }
```

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

Here you see how a box with a 4 pixel #9FAE97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FAE97; -webkit-box-shadow:4px 4px  
4px 4px #9FAE97; box-shadow:4px 4px 4px  
4px #9FAE97 }
```

# Background

The CSS property to change the background color of an element to Hex 9FAE97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FAE97 }
```

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

```
.background{ background-color:#9FAE97 }
```

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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