

# Converting Colors

Hex(9FA986)

Have a look what the booklet for  
Hex(9FA986) contains.

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# **Color**

**Hex(9FA986)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FA986
RGB	159, 169, 134
RGB Percent	62%, 66%, 53%
CMY	0.3765, 0.3373, 0.4745
CMYK	0.06, 0.00, 0.21, 0.34
HSL	77°, 17%, 59%
HSV	77°, 21%, 66%
XYZ	32.7891, 37.4681, 28.0582
YIQ	162.0200, 5.2750, -13.0050

# Conversions

## Conversions Part 2

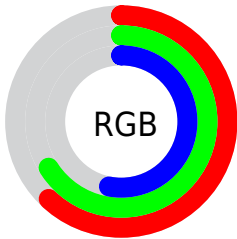
Format	Color
<a href="#">RYB</a>	<a href="#">134, 169, 144</a>
Decimal	<a href="#">10463622</a>
CIELab	<a href="#">67.63, -9.79, 16.91</a>
CIELCh	<a href="#">68, 19.541, 120.061</a>
Yxy	<a href="#">37.4681, 0.3335, 0.3811</a>
Android (android.graphics.Color)	<a href="#">4288653702</a> ( <a href="#">0xFF9FA986</a> )
YUV	<a href="#">162.0200, -13.8139, -2.6485</a>
Hunter-Lab	<a href="#">61.2112, -11.5021, 15.6703</a>

# Details

The Hex color **9FA986** is a light color, and the websafe version is hex **999966**. A complement of this color would be **9086A9**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **D6E0BB**, and **6B7554** is the 20% darker color. If you saturate the color by 10%, you get **9AA975**, and if you desaturate by 10%, it is **A4A997**.

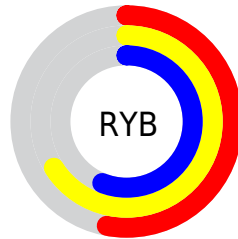
# Distribution



Red (62%)

Green (66%)

Blue (53%)



Red (53%)

Yellow (66%)

Blue (56%)

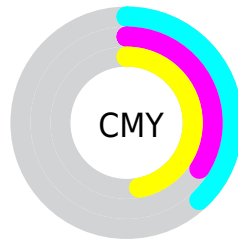


Cyan (6%)

Magenta (0%)

Yellow (21%)

Black (34%)



Cyan (38%)

Magenta (34%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FA986 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 9FA986 by changing the saturation by 10% instead.





9FA986



9FA986

FFFFFF



858F6D



D6E0BB



6B7554



F2FDD7



535C3D



FFFFFF4



3B4527



252F12



101A00



000000



9FA986



9FA986



9AA975



A4A997

95A964

A9A9A8

91A953

ADA9B9

8CA942

B2A9CA

87A931

B7A9DA

82A921

BCA9EB

7DA910

C1A9FC

79A900

C6A9FF

CAA9FF

# Harmonies

## Analogous

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



B2A482



9FA986



8BAD93

# Triad

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



9FA986



7CABC3



C798A5

# Complementary

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



9FA986



9086A9

# 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.



BC9BB7



9FA986



90A6C8

# Square

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



9FA986



74AEB6



A8A0C3



C99994

# Rectangle

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



9FA986



7FAE9E



A8A0C3



C499AB



# Sweetspot

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



9FA986



D8DBCE



A99086



6B6E66



EDEDED



6E6E6E



# Same Dimension

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



9FA986



CCDBA4



8EA986



52544C



6A9400



0F1400



# Inverse Universe

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



9086A9



B4A4DB



A186A9



4E4C54



2A0094



060014



# Previews

## White Background



This preview shows how the Hex color 9FA986 looks on a white background.

## Color Contrast Check

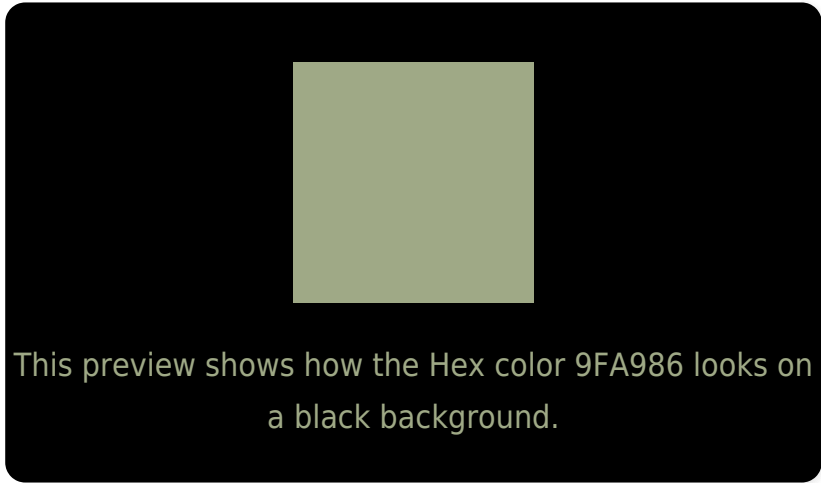
Large Text (above 18pt) WCAG AA × Fail

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

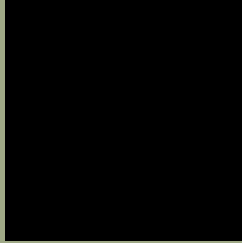
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

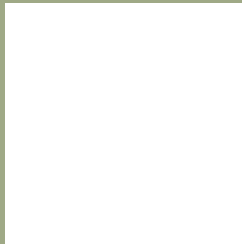
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9FA986 Background



This preview shows how black text looks on a background with the Hex color 9FA986.

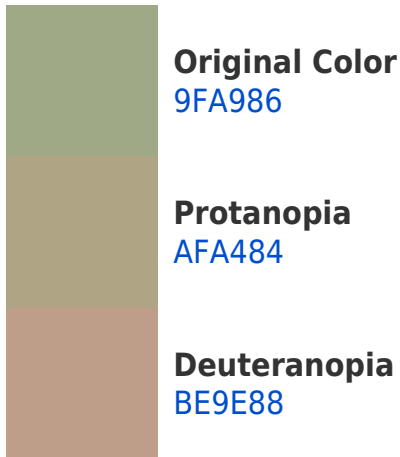


This preview shows how white text looks on a background with the Hex color 9FA986.

# 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](#).

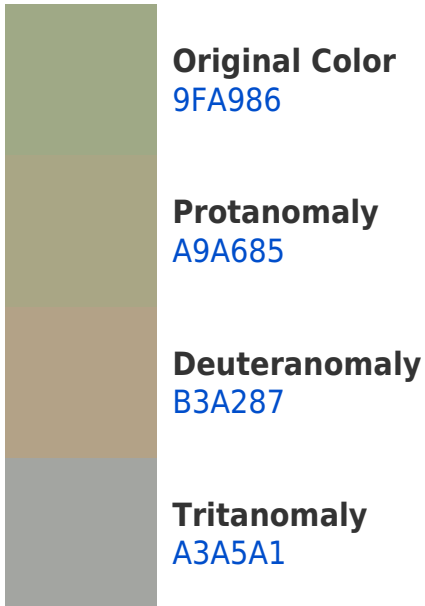
## Dichromacy



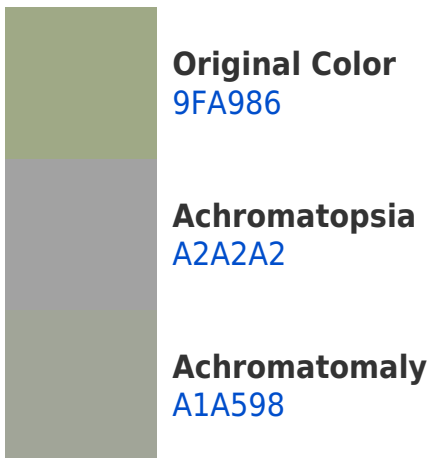


**Tritanopia**  
A5A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FA986 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 #9FA986 looks like.

```
.text, #text, p{  
    color:#9FA986  
}
```

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 #9FA986 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FA986
}
```

## Border

The CSS property to change the border of an element to Hex 9FA986 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
#9FA986 }
```

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

```
.border{ border-color:#9FA986 }
```

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

Here you see how a box with a 4 pixel #9FA986 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FA986; -webkit-box-shadow:4px 4px  
4px 4px #9FA986; box-shadow:4px 4px 4px  
4px #9FA986 }
```

# Background

The CSS property to change the background color of an element to Hex 9FA986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FA986 }
```

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

```
.background{ background-color:#9FA986 }
```

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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