

# Converting Colors

Hex(9F986B)

Have a look what the booklet for  
Hex(9F986B) contains.

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# **Color**

**Hex(9F986B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9F986B
RGB	159, 152, 107
RGB Percent	62%, 60%, 42%
CMY	0.3765, 0.4039, 0.5804
CMYK	0.00, 0.04, 0.33, 0.38
HSL	52°, 21%, 52%
HSV	52°, 33%, 62%
XYZ	28.1802, 30.8889, 18.3868
YIQ	148.9630, 18.6170, -12.5110

# Conversions

## Conversions Part 2

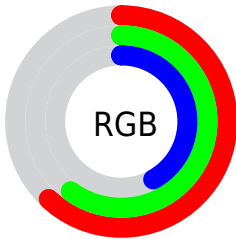
Format	Color
<a href="#">RYB</a>	<a href="#">115, 159, 107</a>
Decimal	<a href="#">10459243</a>
CIELab	<a href="#">62.41, -4.59, 24.65</a>
CIELCh	<a href="#">62, 25.072, 100.539</a>
Yxy	<a href="#">30.8889, 0.3638, 0.3988</a>
Android (android.graphics.Color)	<a href="#">4288649323</a> (0xFF9F986B)
YUV	<a href="#">148.9630, -20.6878, 8.8024</a>
Hunter-Lab	<a href="#">55.5778, -6.7546, 19.2895</a>

# Details

The Hex color **9F986B** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6B729F**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **D6CE9F**, and **6B653B** is the 20% darker color. If you saturate the color by 10%, you get **9F965B**, and if you desaturate by 10%, it is **9F9A7B**.

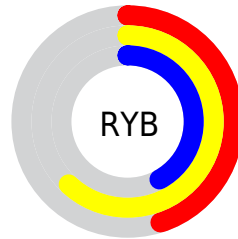
# Distribution



Red (62%)

Green (60%)

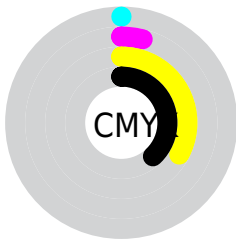
Blue (42%)



Red (45%)

Yellow (62%)

Blue (42%)

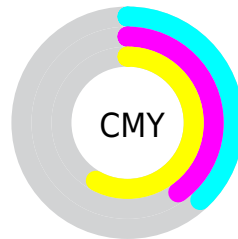


Cyan (0%)

Magenta (4%)

Yellow (33%)

Black (38%)



Cyan (38%)

Magenta (40%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F986B 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 9F986B by changing the saturation by 10% instead.





9F986B



9F986B

FFFFFF



847E52



D6CE9F



6B653B



F3EABA



524D24



FFFFD6



3A370F



FFFFF2



242100



020C00



000000



9F986B



9F986B



9F965B



9F9A7B

 9F944B

 9F9C8B

 9F923B

 9F9E9B

 9F8F2B

 9FA1AB

 9F8D1B

 9FA3BB

 9F8B0C

 9FA5CA

 9F8A00

 9FA7DA

 9FA9EA

 9FABFA

# Harmonies

## Analogous

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



B4916D



9F986B



869E75

# Triad

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



9F986B



54A2B3



BA88A6

# Complementary

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



9F986B



6B729F

# 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.



A48EB9



9F986B



679DC0

# Square

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



9F986B



58A39E



8696C2



C48790

# Rectangle

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



9F986B



75A180



8696C2



B48AAD



# Sweetspot

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



9F986B



CFCCBA



9F6B73



69675C



E8E8E8



696969



# Same Dimension

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



9F986B



CFC47E



8D9F6B



4F4E47



8F7C00



0F0D00



# Inverse Universe

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



6B729F



7E89CF



7D6B9F



47484F



00138F



00020F



# Previews

## White Background



This preview shows how the Hex color 9F986B 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

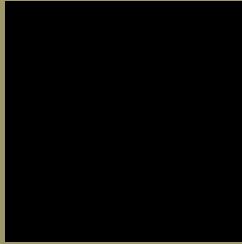
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9F986B Background



This preview shows how black text looks on a background with the Hex color 9F986B.



This preview shows how white text looks on a background with the Hex color 9F986B.

# 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



**Original Color**  
9F986B

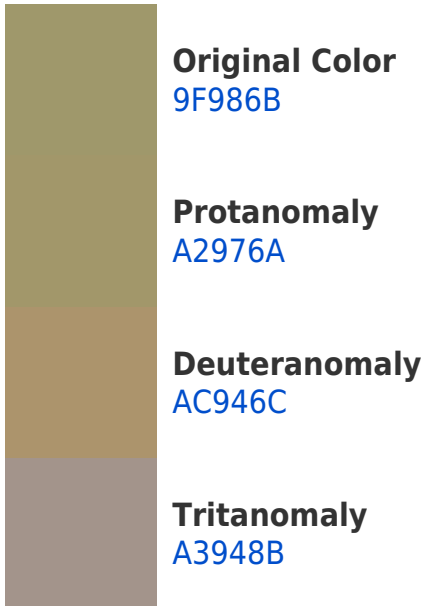
**Protanopia**  
A3976A

**Deuteranopia**  
B3916D

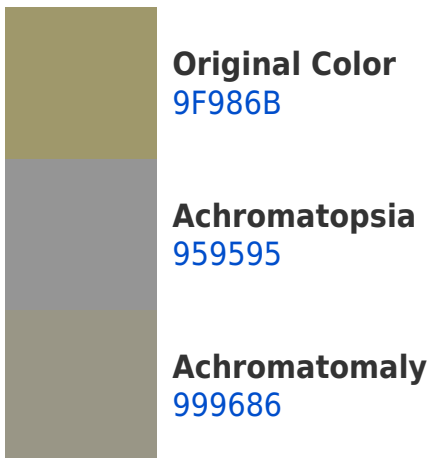


**Tritanopia**  
A5929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F986B 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 #9F986B looks like.

```
.text, #text, p{  
    color:#9F986B  
}
```

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 #9F986B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F986B
}
```

## Border

The CSS property to change the border of an element to Hex 9F986B 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
#9F986B }
```

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

```
.border{ border-color:#9F986B }
```

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

Here you see how a box with a 4 pixel #9F986B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F986B; -webkit-box-shadow:4px 4px  
4px 4px #9F986B; box-shadow:4px 4px 4px  
4px #9F986B }
```

# Background

The CSS property to change the background color of an element to Hex 9F986B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F986B }
```

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

```
.background{ background-color:#9F986B }
```

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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