

# Converting Colors

Hex(9F9785)

Have a look what the booklet for  
Hex(9F9785) contains.

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# **Color**

**Hex(9F9785)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F9785
RGB	159, 151, 133
RGB Percent	62%, 59%, 52%
CMY	0.3765, 0.4078, 0.4784
CMYK	0.00, 0.05, 0.16, 0.38
HSL	42°, 12%, 57%
HSV	42°, 16%, 62%
XYZ	29.5983, 31.1976, 26.6520
YIQ	151.3400, 10.5460, -3.9020

# Conversions

## Conversions Part 2

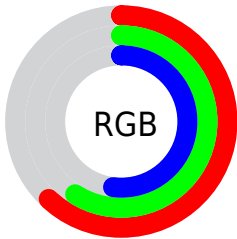
<b>Format</b>	<b>Color</b>
RYB	145, 159, 133
Decimal	10459013
CIELab	62.67, -0.21, 10.54
CIElCh	63, 10.539, 91.121
Yxy	31.1976, 0.3385, 0.3568
Android (android.graphics.Color)	4288649093 (0xFF9F9785)
YUV	151.3400, -9.0416, 6.7178
Hunter-Lab	55.8548, -3.1560, 10.8072

# Details

The Hex color **9F9785** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **858D9F**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **D6CDBA**, and **6B6453** is the 20% darker color. If you saturate the color by 10%, you get **9F9275**, and if you desaturate by 10%, it is **9F9C95**.

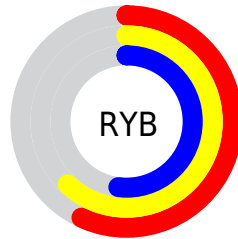
# Distribution



Red (62%)

Green (59%)

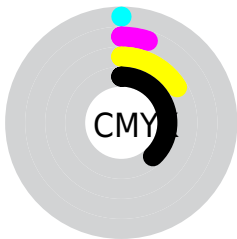
Blue (52%)



Red (57%)

Yellow (62%)

Blue (52%)

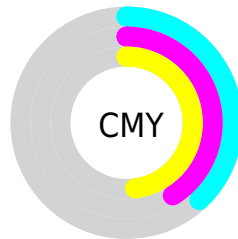


Cyan (0%)

Magenta (5%)

Yellow (16%)

Black (38%)



Cyan (38%)

Magenta (41%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F9785 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 9F9785 by changing the saturation by 10% instead.



 9F9785

 9F9785

FFFFFF

 857D6C

 D6CDBA

 6B6453

 F2E9D6

 534C3C

 FFFFF2

 3C3627

 262012

 0E0900

 000000

 9F9785

 9F9785

 9F9275

 9F9C95

 9F8D65

 9FA1A5

 9F8855

 9FA6B5

 9F8345

 9FABC5

 9F7F36

 9FAFD5

 9F7A26

 9FB4E4

 9F7516

 9FB9F4

 9F7006

 9FBEFF

 9F6E00

 9FC3FF

# Harmonies

## Analogous

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



A79488



9F9785



949A87

# Triad

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



9F9785



809DA1



A492A1

# Complementary

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



9F9785



858D9F

# 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.



9A95A8



9F9785



849BA8

# Square

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



9F9785



829D98



8E98AA



AB9198

# Rectangle

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



9F9785



8D9C8C



8E98AA



A193A3



# Sweetspot

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



9F9785



CFCBC4



9F858D



696762



E8E8E8



696969



# Same Dimension

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



9F9785



CFC2A5



9A9F85



4F4D47



8F6300



0F0B00



# Inverse Universe

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



858D9F



A5B2CF



8A859F



474A4F



002C8F



00050F



# Previews

## White Background



This preview shows how the Hex color 9F9785 looks on a white background.

## Color Contrast Check

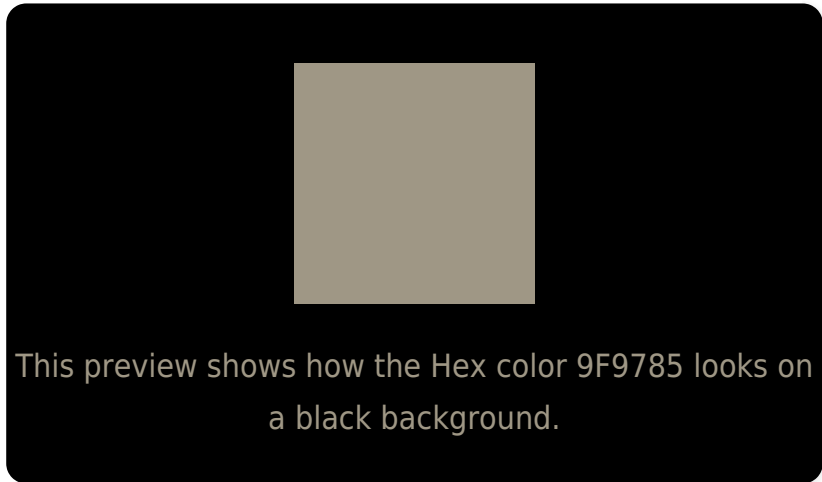
Large Text (above 18pt) WCAG AA × Fail

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

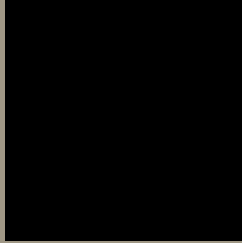
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

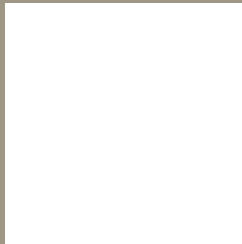
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9F9785 Background



This preview shows how black text looks on a background with the Hex color 9F9785.

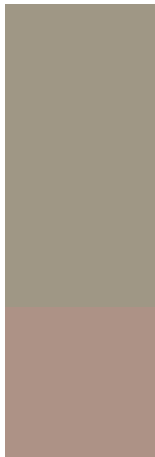


This preview shows how white text looks on a background with the Hex color 9F9785.

# 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**  
9F9785

**Protanopia**  
9F9785

**Deuteranopia**  
AD9286



**Tritanopia**  
A2939F

# Trichromacy



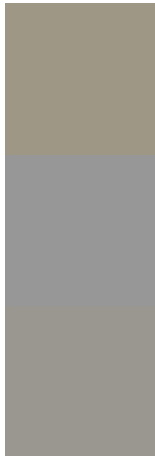
**Original Color**  
9F9785

**Protanomaly**  
9F9785

**Deuteranomaly**  
A89486

**Tritanomaly**  
A19496

# Monochromacy



**Original Color**  
9F9785

**Achromatopsia**  
979797

**Achromatomaly**  
9A9790

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F9785 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 #9F9785 looks like.

```
.text, #text, p{  
    color:#9F9785  
}
```

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 #9F9785 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F9785
}
```

## Border

The CSS property to change the border of an element to Hex 9F9785 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
#9F9785 }
```

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

```
.border{ border-color:#9F9785 }
```

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

Here you see how a box with a 4 pixel #9F9785 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F9785; -webkit-box-shadow:4px 4px  
4px 4px #9F9785; box-shadow:4px 4px 4px  
4px #9F9785 }
```

# Background

The CSS property to change the background color of an element to Hex 9F9785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F9785 }
```

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

```
.background{ background-color:#9F9785 }
```

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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