

# Converting Colors

Hex(9E9790)

Have a look what the booklet for  
Hex(9E9790) contains.

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# **Color**

**Hex(9E9790)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E9790
RGB	158, 151, 144
RGB Percent	62%, 59%, 56%
CMY	0.3804, 0.4078, 0.4353
CMYK	0.00, 0.04, 0.09, 0.38
HSL	30°, 7%, 59%
HSV	30°, 9%, 62%
XYZ	30.2012, 31.4159, 30.8577
YIQ	152.2950, 6.4190, -0.6930

# Conversions

## Conversions Part 2

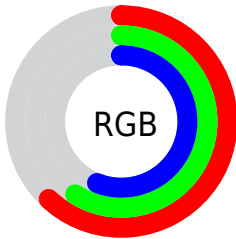
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">158, 158, 144</a>
Decimal	<a href="#">10393488</a>
CIELab	<a href="#">62.86, 1.29, 4.59</a>
CIELCh	<a href="#">63, 4.768, 74.302</a>
Yxy	<a href="#">31.4159, 0.3266, 0.3397</a>
Android (android.graphics.Color)	<a href="#">4288583568</a> ( <a href="#">0xFF9E9790</a> )
YUV	<a href="#">152.2950, -4.0894, 5.0033</a>
Hunter-Lab	<a href="#">56.0499, -1.9068, 6.5935</a>

# Details

The Hex color **9E9790** is a light color, and the websafe version is hex **999999**. A complement of this color would be **90979E**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **D5CDC6**, and **6B645E** is the 20% darker color. If you saturate the color by 10%, you get **9E8F80**, and if you desaturate by 10%, it is **9E9FA0**.

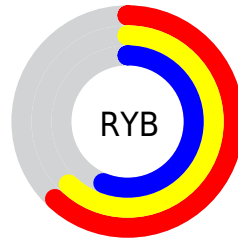
# Distribution



Red (62%)

Green (59%)

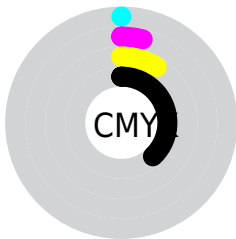
Blue (56%)



Red (62%)

Yellow (62%)

Blue (56%)

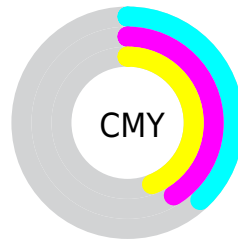


Cyan (0%)

Magenta (4%)

Yellow (9%)

Black (38%)



Cyan (38%)

Magenta (41%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E9790 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 9E9790 by changing the saturation by 10% instead.





9E9790



9E9790

FFFFFF



847D76



D5CDC6



6B645E



F1E9E2



524C46

FFFFFFE



3B3630



26201B



110900



000000



9E9790



9E9790



9E8F80



9E9FA0

 9E8770

 9EA7B0

 9E7F61

 9EAFBF

 9E7751

 9EB7CF

 9E7041

 9EBFDF

 9E6831

 9EC6EF

 9E6021

 9ECEFF

 9E5812

 9ED6FF

 9E5002

 9EDEFF

# Harmonies

## Analogous

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



A19692



9E9790



9A9890

# Triad

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



9E9790



8E9B9A



9B969E

# Complementary

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



9E9790



90979E

# 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.



9698A0



9E9790



8E9A9E

# Square

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



9E9790



909A96



9299A0



9F959A

# Rectangle

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



9E9790



969991



9299A0



9A979F



# Sweetspot

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



9E9790



CFCBC8



9E9097



696664



E8E8E8



696969



# Same Dimension

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



9E9790



CFC3B8



9E9E90



4F4B47



8F4700



0F0800



# Inverse Universe

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



90979E



B8C3CF



90909E



474B4F



00478F



00080F



# Previews

## White Background



This preview shows how the Hex color 9E9790 looks on a white background.

## Color Contrast Check

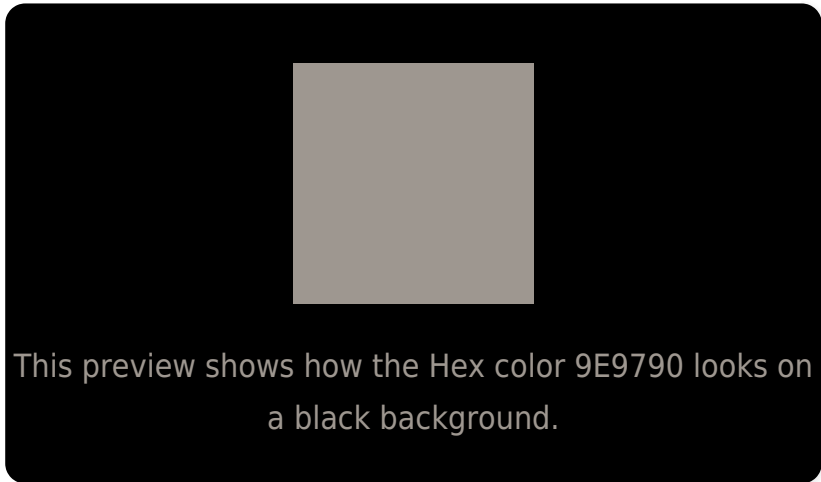
Large Text (above 18pt) WCAG AA × Fail

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

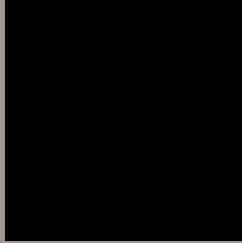
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

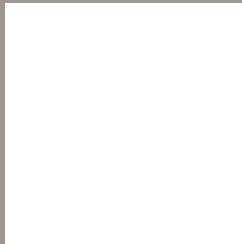
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9E9790 Background



This preview shows how black text looks on a background with the Hex color 9E9790.

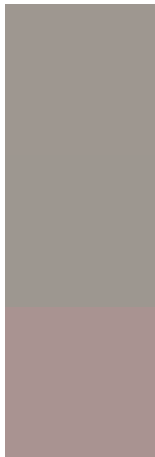


This preview shows how white text looks on a background with the Hex color 9E9790.

# 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**  
9E9790

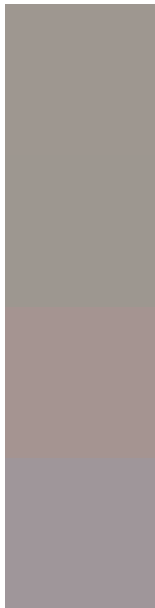
**Protanopia**  
9D9790

**Deuteranopia**  
A99391



**Tritanopia**  
A095A0

# Trichromacy



**Original Color**  
9E9790

**Protanomaly**  
9D9790

**Deuteranomaly**  
A59491

**Tritanomaly**  
9F969A

# Monochromacy



**Original Color**  
9E9790

**Achromatopsia**  
989898

**Achromatomaly**  
9A9895

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E9790 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 #9E9790 looks like.

```
.text, #text, p{  
    color:#9E9790  
}
```

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 #9E9790 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E9790
}
```

## Border

The CSS property to change the border of an element to Hex 9E9790 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
#9E9790 }
```

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

```
.border{ border-color:#9E9790 }
```

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

Here you see how a box with a 4 pixel #9E9790 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E9790; -webkit-box-shadow:4px 4px  
4px 4px #9E9790; box-shadow:4px 4px 4px  
4px #9E9790 }
```

# Background

The CSS property to change the background color of an element to Hex 9E9790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E9790 }
```

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

```
.background{ background-color:#9E9790 }
```

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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