

# Converting Colors

Hex(9E9E9D)

Have a look what the booklet for  
Hex(9E9E9D) contains.

<b>Hex(9E9E9D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	21
<i><b>Color Blindness Simulation</b></i> .....	24
<i><b>CSS Examples</b></i> .....	27

# **Color**

**Hex(9E9E9D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E9E9D
RGB	158, 158, 157
RGB Percent	62%, 62%, 62%
CMY	0.3804, 0.3804, 0.3843
CMYK	0.00, 0.00, 0.01, 0.38
HSL	60°, 1%, 62%
HSV	60°, 1%, 62%
XYZ	32.4132, 34.1571, 36.7829
YIQ	157.8860, 0.3210, -0.3110

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 158, 157
Decimal	10395293
CIELab	65.09, -0.19, 0.51
CIELCh	65, 0.547, 110.020
Yxy	34.1571, 0.3136, 0.3305
Android (android.graphics.Color)	4288585373 (0xFF9E9E9D)
YUV	157.8860, -0.4368, 0.1000
Hunter-Lab	58.4441, -3.2808, 3.5956

# Details

The Hex color **9E9E9D** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9D9D9E**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **D5D5D4**, and **6B6B6A** is the 20% darker color. If you saturate the color by 10%, you get **9E9E8D**, and if you desaturate by 10%, it is **9E9EAD**.

# Distribution



Red (62%)

Green (62%)

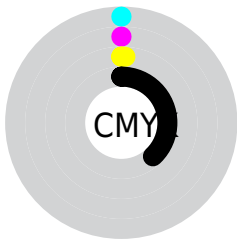
Blue (62%)



Red (62%)

Yellow (62%)

Blue (62%)



Cyan (0%)

Magenta (0%)

Yellow (1%)

Black (38%)



Cyan (38%)

Magenta (38%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E9E9D 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 9E9E9D by changing the saturation by 10% instead.





9E9E9D



9E9E9D

FFFFFF



848483



D5D5D4



6B6B6A



F1F1F0



535352



3C3C3B



262625



111110



000000



9E9E9D



9E9E9D



9E9E8D



9E9EAD

 9E9E7D

 9E9EBD

 9E9E6E

 9E9ECC

 9E9E5E

 9E9EDC

 9E9E4E

 9E9EEC

 9E9E3E

 9E9EFC

 9E9E2E

 9E9EFF

 9E9E1F

 9E9E0F

# Harmonies

## Analogous

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



9F9E9D



9E9E9D



9D9E9D

# Triad

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



9E9E9D



9D9E9F



9F9E9E

# Complementary

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



9E9E9D



9D9D9E

# 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.



9E9E9F



9E9E9D



9D9E9F

# Square

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



9E9E9D



9D9E9E



9E9E9F



9F9E9E

# Rectangle

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



9E9E9D



9D9E9E



9E9E9F



9F9E9E



# Sweetspot

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



9E9E9D



CFCFCF



9E9D9D



696969



E8E8E8

# Same Dimension

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



9E9E9D



CFCFCC



4F4F4E



8F8F00



0F0F00

# Inverse Universe

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



9D9D9E



CCCCCCF



9E9D9E



4E4E4F



00008F



00000F



# Previews

## White Background



This preview shows how the Hex color 9E9E9D looks on a white background.

## Color Contrast Check

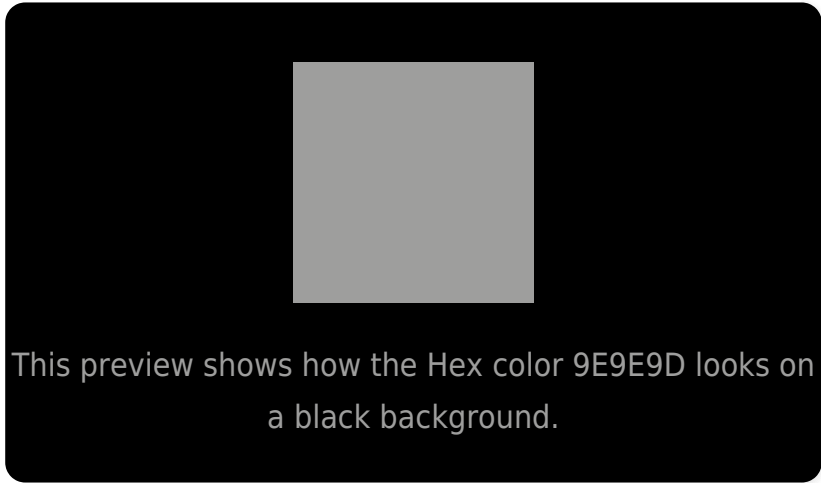
Large Text (above 18pt) WCAG AA × Fail

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

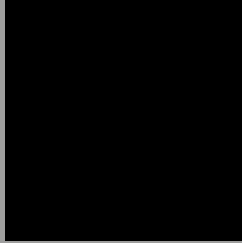
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

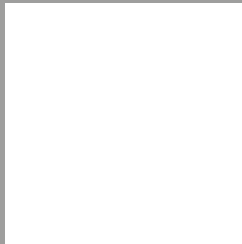
Any Text WCAG AAA ✓ Pass

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

## Hex 9E9E9D Background



This preview shows how black text looks on a background with the Hex color 9E9E9D.

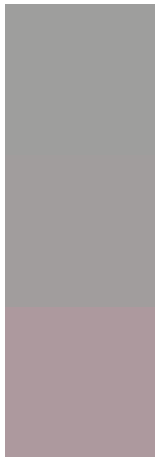


This preview shows how white text looks on a background with the Hex color 9E9E9D.

# 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**  
9E9E9D

**Protanopia**  
A19D9D

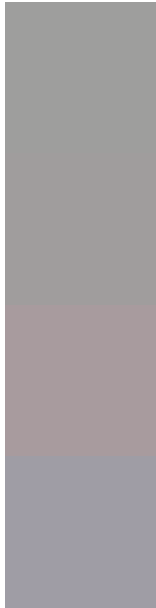
**Deuteranopia**  
AD999E





**Tritanopia**  
A09CA9

# Trichromacy



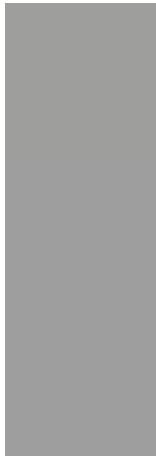
**Original Color**  
9E9E9D

**Protanomaly**  
A09D9D

**Deuteranomaly**  
A89B9E

**Tritanomaly**  
9F9DA5

# Monochromacy



**Original Color**  
9E9E9D

**Achromatopsia**  
9E9E9E

**Achromatomaly**  
9E9E9E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E9E9D 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 #9E9E9D looks like.

```
.text, #text, p{  
    color:#9E9E9D  
}
```

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 #9E9E9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E9E9D
}
```

## Border

The CSS property to change the border of an element to Hex 9E9E9D 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
#9E9E9D }
```

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

```
.border{ border-color:#9E9E9D }
```

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

Here you see how a box with a 4 pixel #9E9E9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E9E9D; -webkit-box-shadow:4px 4px  
4px 4px #9E9E9D; box-shadow:4px 4px 4px  
4px #9E9E9D }
```

# Background

The CSS property to change the background color of an element to Hex 9E9E9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E9E9D }
```

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

```
.background{ background-color:#9E9E9D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor