

# Converting Colors

Hex(9F988E)

Have a look what the booklet for  
Hex(9F988E) contains.

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# **Color**

**Hex(9F988E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9F988E
RGB	159, 152, 142
RGB Percent	62%, 60%, 56%
CMY	0.3765, 0.4039, 0.4431
CMYK	0.00, 0.04, 0.11, 0.38
HSL	35°, 8%, 59%
HSV	35°, 11%, 62%
XYZ	30.4088, 31.7804, 30.1227
YIQ	152.9530, 7.3820, -1.6260

# Conversions

## Conversions Part 2

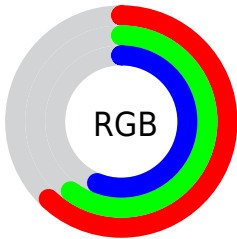
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	154, 159, 142
Decimal	10459278
CIE <sub>Lab</sub>	63.16, 0.76, 6.17
CIE <sub>LCh</sub>	63, 6.212, 82.966
Yxy	31.7804, 0.3294, 0.3443
Android (android.graphics.Color)	4288649358 (0xFF9F988E)
YUV	152.9530, -5.3998, 5.3032
Hunter-Lab	56.3741, -2.3699, 7.7811

# Details

The Hex color **9F988E** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8E959F**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **D6CEC4**, and **6C655C** is the 20% darker color. If you saturate the color by 10%, you get **9F917E**, and if you desaturate by 10%, it is **9F9F9E**.

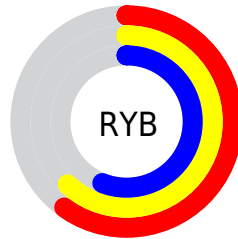
# Distribution



Red (62%)

Green (60%)

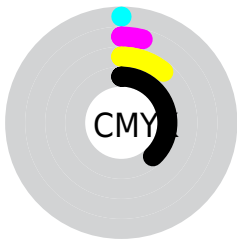
Blue (56%)



Red (60%)

Yellow (62%)

Blue (56%)

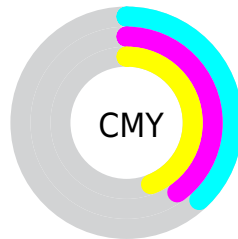


Cyan (0%)

Magenta (4%)

Yellow (11%)

Black (38%)



Cyan (38%)

Magenta (40%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F988E 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 9F988E by changing the saturation by 10% instead.





9F988E



9F988E

FFFFFF



857E74



D6CEC4



6C655C



F2EAE0



534D44

FFFFFF



3C372E



262119



120A00



000000



9F988E



9F988E



9F917E



9F9F9E

 9F8B6E

 9FA5AE

 9F845E

 9FACBE

 9F7E4E

 9FB2CE

 9F773F

 9FB9DE

 9F712F

 9FBFED

 9F6A1F

 9FC6FD

 9F640F

 9FCCFF

 9F5E00

 9FD3FF

# Harmonies

## Analogous

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



A39690



9F988E



999A8F

# Triad

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



9F988E



8B9C9D



9F96A0

# Complementary

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



9F988E



8E959F

# 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.



9898A3



9F988E



8D9BA1

# Square

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



9F988E



8E9C97



929AA4



A4959A

# Rectangle

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



9F988E



959B91



929AA4



9D97A1



# Sweetspot

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



9F988E



CFCCC8



9F8E95



696764



E8E8E8



696969



# Same Dimension

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



9F988E



CFC3B4



9E9F8E



4F4C47



8F5400



0F0900



# Inverse Universe

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



8E959F



B4BFCF



8F8E9F



474A4F



003B8F



00060F



# Previews

## White Background



This preview shows how the Hex color 9F988E looks on a white background.

## Color Contrast Check

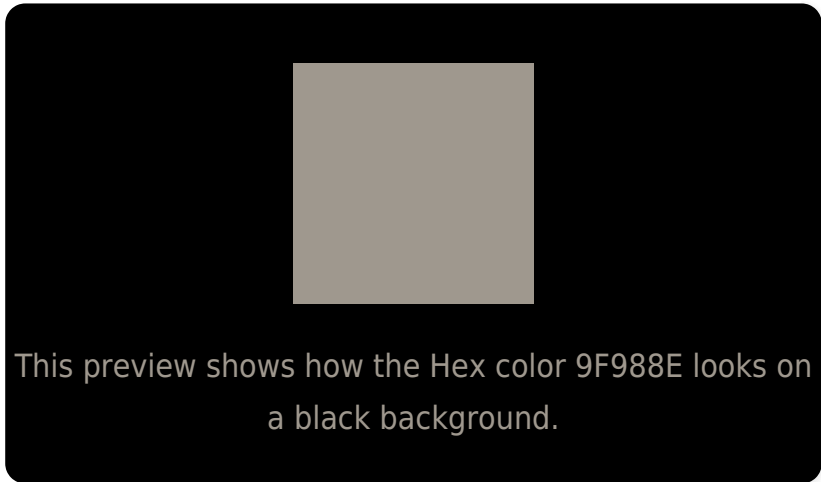
Large Text (above 18pt) WCAG AA × Fail

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

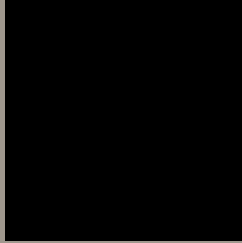
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9F988E Background



This preview shows how black text looks on a background with the Hex color 9F988E.

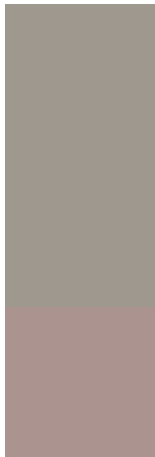


This preview shows how white text looks on a background with the Hex color 9F988E.

# 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**  
9F988E

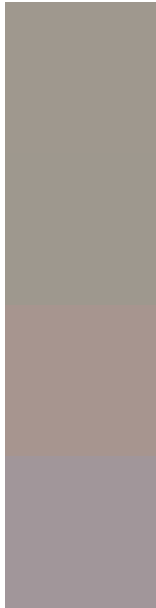
**Protanopia**  
9E988E

**Deuteranopia**  
AB948F



**Tritanopia**  
A295A1

# Trichromacy



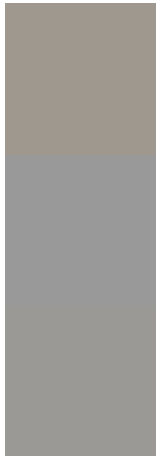
**Original Color**  
9F988E

**Protanomaly**  
9E988E

**Deuteranomaly**  
A7958F

**Tritanomaly**  
A1969A

# Monochromacy



**Original Color**  
9F988E

**Achromatopsia**  
999999

**Achromatomaly**  
9B9995

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F988E 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 #9F988E looks like.

```
.text, #text, p{  
    color:#9F988E  
}
```

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 #9F988E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F988E
}
```

## Border

The CSS property to change the border of an element to Hex 9F988E 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
#9F988E }
```

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

```
.border{ border-color:#9F988E }
```

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

Here you see how a box with a 4 pixel #9F988E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F988E; -webkit-box-shadow:4px 4px  
4px 4px #9F988E; box-shadow:4px 4px 4px  
4px #9F988E }
```

# Background

The CSS property to change the background color of an element to Hex 9F988E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F988E }
```

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

```
.background{ background-color:#9F988E }
```

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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