

# Converting Colors

Hex(9F988A)

Have a look what the booklet for  
Hex(9F988A) contains.

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# **Color**

**Hex(9F988A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9F988A
RGB	159, 152, 138
RGB Percent	62%, 60%, 54%
CMY	0.3765, 0.4039, 0.4588
CMYK	0.00, 0.04, 0.13, 0.38
HSL	40°, 10%, 58%
HSV	40°, 13%, 62%
XYZ	30.1138, 31.6624, 28.5690
YIQ	152.4970, 8.6660, -2.8700

# Conversions

## Conversions Part 2

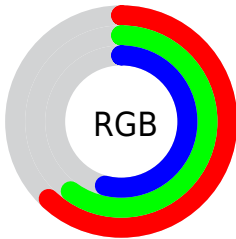
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">149, 159, 138</a>
Decimal	<a href="#">10459274</a>
CIELab	<a href="#">63.06, 0.07, 8.28</a>
CIELCh	<a href="#">63, 8.277, 89.488</a>
Yxy	<a href="#">31.6624, 0.3333, 0.3505</a>
Android (android.graphics.Color)	<a href="#">4288649354 (0xFF9F988A)</a>
YUV	<a href="#">152.4970, -7.1470, 5.7031</a>
Hunter-Lab	<a href="#">56.2693, -2.9432, 9.2858</a>

# Details

The Hex color **9F988A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8A919F**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **D6CEBF**, and **6B6558** is the 20% darker color. If you saturate the color by 10%, you get **9F937A**, and if you desaturate by 10%, it is **9F9D9A**.

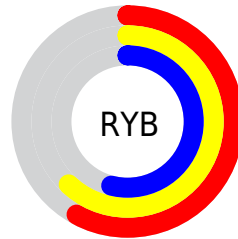
# Distribution



Red (62%)

Green (60%)

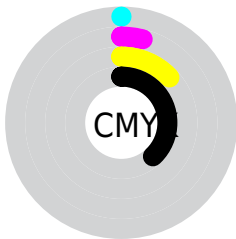
Blue (54%)



Red (58%)

Yellow (62%)

Blue (54%)

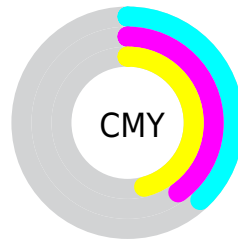


Cyan (0%)

Magenta (4%)

Yellow (13%)

Black (38%)



Cyan (38%)

Magenta (40%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F988A 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 9F988A by changing the saturation by 10% instead.





9F988A



9F988A

FFFFFF



857E71



D6CEBF



6B6558



F2EADB



534D41



FFFFFF8



3C372B



262116



100B00



000000



9F988A



9F988A



9F937A



9F9D9A

 9F8D6A

 9FA3AA

 9F885A

 9FA8BA

 9F834A

 9FADCA

 9F7E3A

 9FB3D9

 9F782B

 9FB8E9

 9F731B

 9FBDF9

 9F6E0B

 9FC2FF

 9F6A00

 9FC8FF

# Harmonies

## Analogous

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



A5968C



9F988A



979A8C

# Triad

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



9F988A



869DA0



A295A0

# Complementary

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



9F988A



8A919F

# 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.



9A97A5



9F988A



8A9BA5

# Square

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



9F988A



889D98



9199A7



A89499

# Rectangle

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



9F988A



919C8F



9199A7



A095A2



# Sweetspot

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



9F988A



CFCCC6



9F8A91



696763



E8E8E8



696969



# Same Dimension

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



9F988A



CFC4AE



9C9F8A



4F4C47



8F5F00



0F0A00



# Inverse Universe

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



8A919F



AEB9CF



8D8A9F



474A4F



00308F



00050F



# Previews

## White Background



This preview shows how the Hex color 9F988A looks on a white background.

## Color Contrast Check

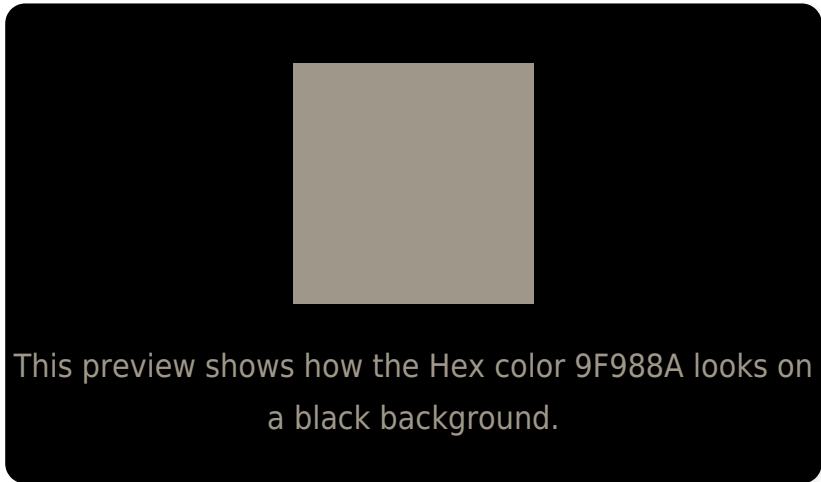
Large Text (above 18pt) WCAG AA × Fail

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

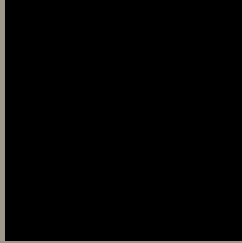
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

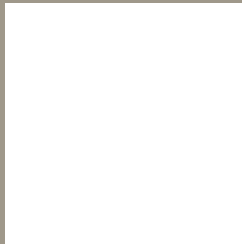
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9F988A Background



This preview shows how black text looks on a background with the Hex color 9F988A.



This preview shows how white text looks on a background with the Hex color 9F988A.

# 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**  
9F988A

**Protanopia**  
9F988A

**Deuteranopia**  
AC938B



**Tritanopia**  
A295A0

# Trichromacy



**Original Color**  
9F988A

**Protanomaly**  
9F988A

**Deuteranomaly**  
A7958B

**Tritanomaly**  
A19698

# Monochromacy



**Original Color**  
9F988A

**Achromatopsia**  
989898

**Achromatomaly**  
9B9893

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F988A 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 #9F988A looks like.

```
.text, #text, p{  
    color:#9F988A  
}
```

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 #9F988A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F988A
}
```

## Border

The CSS property to change the border of an element to Hex 9F988A 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
#9F988A }
```

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

```
.border{ border-color:#9F988A }
```

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

Here you see how a box with a 4 pixel #9F988A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F988A; -webkit-box-shadow:4px 4px  
4px 4px #9F988A; box-shadow:4px 4px 4px  
4px #9F988A }
```

# Background

The CSS property to change the background color of an element to Hex 9F988A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F988A }
```

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

```
.background{ background-color:#9F988A }
```

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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