

# Converting Colors

Hex(9D887A)

Have a look what the booklet for  
Hex(9D887A) contains.

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# Color

**Hex(9D887A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D887A
RGB	157, 136, 122
RGB Percent	62%, 53%, 48%
CMY	0.3843, 0.4667, 0.5216
CMYK	0.00, 0.13, 0.22, 0.38
HSL	24°, 15%, 55%
HSV	24°, 22%, 62%
XYZ	26.2216, 26.1816, 22.0839
YIQ	140.6830, 17.0100, 0.0980

# Conversions

## Conversions Part 2

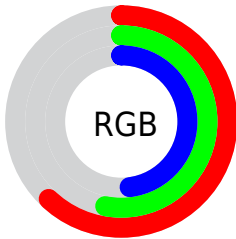
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 145, 122
Decimal	10324090
CIELab	58.21, 5.63, 10.44
CIElCh	58, 11.859, 61.666
Yxy	26.1816, 0.3520, 0.3515
Android (android.graphics.Color)	4288514170 (0xFF9D887A)
YUV	140.6830, -9.2107, 14.3100
Hunter-Lab	51.1679, 1.9307, 10.2282

# Details

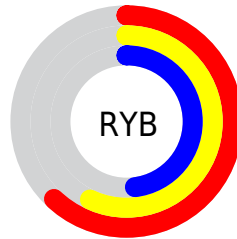
The Hex color **9D887A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7A8F9D**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **D4BDAE**, and **695649** is the 20% darker color. If you saturate the color by 10%, you get **9D7F6A**, and if you desaturate by 10%, it is **9D918A**.

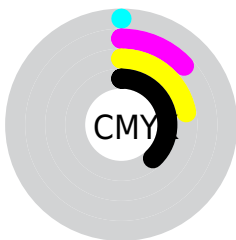
# Distribution



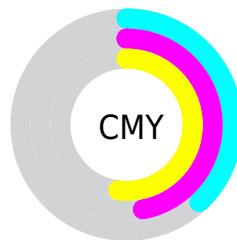
- Red (62%)
- Green (53%)
- Blue (48%)



- Red (62%)
- Yellow (57%)
- Blue (48%)



- Cyan (0%)
- Magenta (13%)
- Yellow (22%)
- Black (38%)



- Cyan (38%)
- Magenta (47%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D887A 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 9D887A by changing the saturation by 10% instead.





9D887A



9D887A

FFFFFF



836F61



D4BDAE



695649



F0D9CA



513F33



FFF6E6



39291E



241505



000000



9D887A



9D887A



9D7F6A



9D918A



9D755B



9D9B99

 9D6C4B

 9DA4A9

 9D623B

 9DAEB9

 9D592B

 9DB7C9

 9D4F1C

 9DC1D8

 9D460C

 9DCAE8

 9D3F00

 9DD3F8

 9DDDFE

# Harmonies

## Analogous

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



A28681



9D887A



948B77

# Triad

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



9D887A



74928C



8F899E

# Complementary

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



9D887A



7A8F9D

# 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.



818DA0



9D887A



719296

# Square

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



9D887A



7D9182



76909E



9A8696

# Rectangle

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



9D887A



8C8E79



76909E



8A8A9F



# Sweetspot

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



9D887A



CCC3BE



9D7A8F



66615E



E6E6E6



666666



# Same Dimension

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



9D887A



CCAB95



9D997A



4F4A47



8F3900



0F0600



# Inverse Universe

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



7A8F9D



95B6CC



7A7E9D



474C4F



00568F



00090F



# Previews

## White Background



This preview shows how the Hex color 9D887A looks on a white background.

## Color Contrast Check

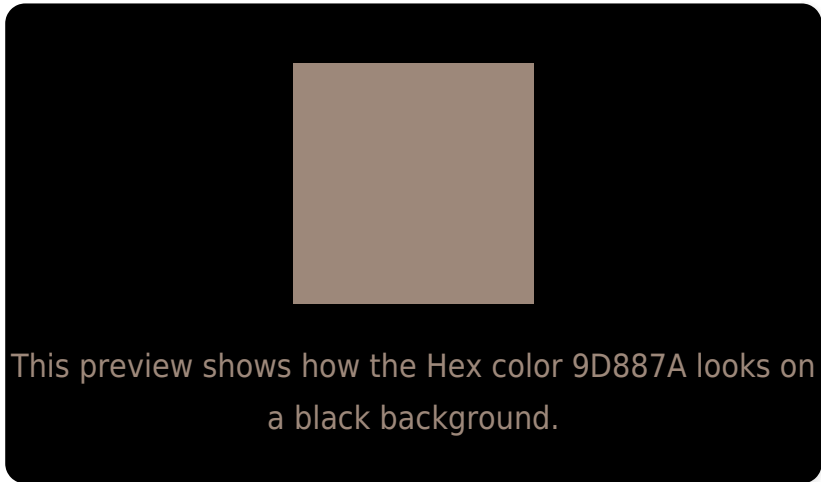
Large Text (above 18pt) WCAG AA ✓ Pass

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

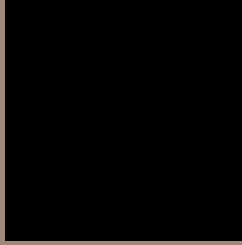
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9D887A Background



This preview shows how black text looks on a background with the Hex color 9D887A.



This preview shows how white text looks on a background with the Hex color 9D887A.

# 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**  
9D887A

**Protanopia**  
928C7C

**Deuteranopia**  
A0877A



**Tritanopia**  
A0858F

# Trichromacy



**Original Color**  
9D887A

**Protanomaly**  
968B7B

**Deuteranomaly**  
9F877A

**Tritanomaly**  
9F8687

# Monochromacy



**Original Color**  
9D887A

**Achromatopsia**  
8D8D8D

**Achromatomaly**  
938B86

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D887A 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 #9D887A looks like.

```
.text, #text, p{  
    color:#9D887A  
}
```

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 #9D887A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D887A
}
```

## Border

The CSS property to change the border of an element to Hex 9D887A 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
#9D887A }
```

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

```
.border{ border-color:#9D887A }
```

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

Here you see how a box with a 4 pixel #9D887A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D887A; -webkit-box-shadow:4px 4px  
4px 4px #9D887A; box-shadow:4px 4px 4px  
4px #9D887A }
```

# Background

The CSS property to change the background color of an element to Hex 9D887A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D887A }
```

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

```
.background{ background-color:#9D887A }
```

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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