

Converting Colors

Hex(9F8A70)

Have a look what the booklet for
Hex(9F8A70) contains.

Hex(9F8A70)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9F8A70)

Conversions

Conversions Part 1

Format	Color
Hex	9F8A70
RGB	159, 138, 112
RGB Percent	62%, 54%, 44%
CMY	0.3765, 0.4588, 0.5608
CMYK	0.00, 0.13, 0.30, 0.38
HSL	33°, 20%, 53%
HSV	33°, 30%, 62%
XYZ	26.3112, 26.7177, 19.0995
YIQ	141.3150, 20.8620, -3.6340

Conversions

Conversions Part 2

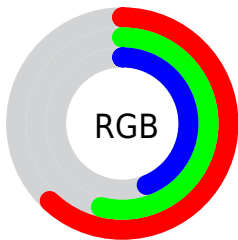
Format	Color
RYB	150, 159, 112
Decimal	10455664
CIELab	58.71, 3.83, 16.86
CIElCh	59, 17.287, 77.201
Yxy	26.7177, 0.3648, 0.3704
Android (android.graphics.Color)	4288645744 (0xFF9F8A70)
YUV	141.3150, -14.4523, 15.5097
Hunter-Lab	51.6892, 0.4052, 14.2744

Details

The Hex color **9F8A70** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **70859F**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **D6BFA4**, and **6B5840** is the 20% darker color. If you saturate the color by 10%, you get **9F8360**, and if you desaturate by 10%, it is **9F9180**.

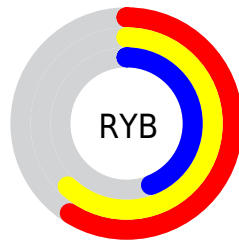
Distribution



Red (62%)

Green (54%)

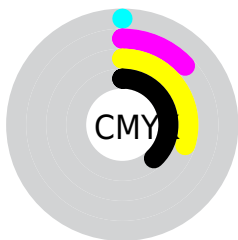
Blue (44%)



Red (59%)

Yellow (62%)

Blue (44%)

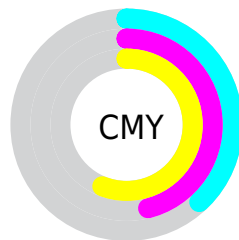


Cyan (0%)

Magenta (13%)

Yellow (30%)

Black (38%)



Cyan (38%)

Magenta (46%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F8A70 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 9F8A70 by changing the saturation by 10% instead.



9F8A70



9F8A70

FFFFFF



847157



D6BFA4



6B5840



F3DBBF



52412A



FFF8DB



3A2B15



FFFFF7



251600



000000



9F8A70



9F8A70



9F8360



9F9180



9F7C50



9F9890

 9F7540

 9F9FA0

 9F6E30

 9FA6B0

 9F6620

 9FAEC0

 9F5F11

 9FB5CF

 9F5801

 9FBCDF

 9F5800

 9FC3EF

 9FCAFF

Harmonies

Analogous

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



A98578



9F8A70



908F70

Triad

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



9F8A70



659696



9A87A2

Complementary

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



9F8A70



70859F

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.



878CAA



9F8A70



6694A3

Square

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



9F8A70



6E9686



7491AA



A88394

Rectangle

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



9F8A70



849275



7491AA



9488A5

Sweetspot

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



9F8A70



CFC6BC



9F7085



69635D



E8E8E8



696969

Same Dimension

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



9F8A70



CFAE86



9D9F70



4F4C47



8F4F00



0F0800

Inverse Universe

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



70859F



86A7CF



72709F



474B4F



00408F



00070F

Previews

White Background



This preview shows how the Hex color 9F8A70 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

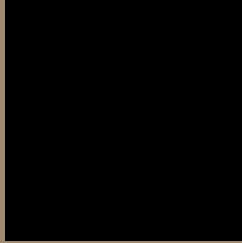
Any Text WCAG AA ✓ Pass

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 9F8A70 Background



This preview shows how black text looks on a background with the Hex color 9F8A70.



This preview shows how white text looks on a background with the Hex color 9F8A70.

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
9F8A70

Protanopia
968D71

Deuteranopia
A58870



Tritanopia
A38690

Trichromacy



Original Color
9F8A70

Protanomaly
998C71

Deuteranomaly
A38970

Tritanomaly
A28784

Monochromacy



Original Color
9F8A70

Achromatopsia
8D8D8D

Achromatomaly
948C82

CSS Examples

Text

The CSS property to change the color of the text to Hex 9F8A70 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 #9F8A70 looks like.

```
.text, #text, p{  
    color:#9F8A70  
}
```

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 #9F8A70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F8A70
}
```

Border

The CSS property to change the border of an element to Hex 9F8A70 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
#9F8A70 }
```

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

```
.border{ border-color:#9F8A70 }
```

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

Here you see how a box with a 4 pixel #9F8A70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F8A70; -webkit-box-shadow:4px 4px  
4px 4px #9F8A70; box-shadow:4px 4px 4px  
4px #9F8A70 }
```

Background

The CSS property to change the background color of an element to Hex 9F8A70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F8A70 }
```

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

```
.background{ background-color:#9F8A70 }
```

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