

Converting Colors

Hex(9B8F66)

Have a look what the booklet for
Hex(9B8F66) contains.

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Color

Hex(9B8F66)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 9B8F66 |
| RGB | 155, 143, 102 |
| RGB Percent | 61%, 56%, 40% |
| CMY | 0.3922, 0.4392, 0.6000 |
| CMYK | 0.00, 0.08, 0.34, 0.39 |
| HSL | 46°, 21%, 50% |
| HSV | 46°, 34%, 61% |
| XYZ | 25.7383, 27.5728, 16.5359 |
| YIQ | 141.9140, 20.3130, -10.2070 |

Conversions

Conversions Part 2

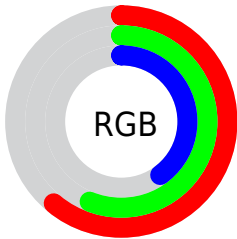
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 118, 155, 102 |
| Decimal | 10194790 |
| CIELab | 59.50, -1.95, 23.47 |
| CIElCh | 60, 23.550, 94.755 |
| Yxy | 27.5728, 0.3685, 0.3948 |
| Android (android.graphics.Color) | 4288384870 (0xFF9B8F66) |
| YUV | 141.9140, -19.6776, 11.4764 |
| Hunter-Lab | 52.5098, -4.3983, 18.0858 |

Details

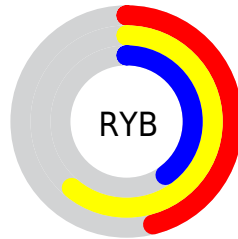
The Hex color **9B8F66** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **66729B**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **D2C599**, and **675D36** is the 20% darker color. If you saturate the color by 10%, you get **9B8B57**, and if you desaturate by 10%, it is **9B9376**.

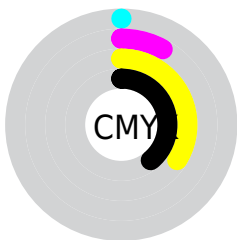
Distribution



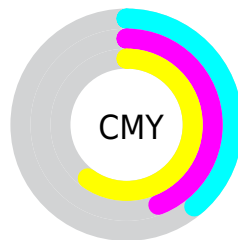
- Red (61%)
- Green (56%)
- Blue (40%)



- Red (46%)
- Yellow (61%)
- Blue (40%)



- Cyan (0%)
- Magenta (8%)
- Yellow (34%)
- Black (39%)



- Cyan (39%)
- Magenta (44%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B8F66 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 9B8F66 by changing the saturation by 10% instead.



9B8F66



9B8F66

FFFFFF



81754E



D2C599



675D36



EFE1B4



4E4520



FFFDD0



362F0A



FFFEC



201B00



000000



9B8F66



9B8F66



9B8B57



9B9376



9B8847



9B9685

 9B8438

 9B9A95

 9B8128

 9B9DA4

 9B7D19

 9BA1B4

 9B7A09

 9BA4C3

 9B7800

 9BA8D3

 9BABE2

 9BAFF2

Harmonies

Analogous

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



AD886A



9B8F66



84956D

Triad

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



9B8F66



519AA6



AD83A1

Complementary

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



9B8F66



66729B

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.



9789B1



9B8F66



5F96B4

Square

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



9B8F66



589B92



7A90B8



B8808D

Rectangle

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



9B8F66



749877



7A90B8



A684A7

Sweetspot

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



9B8F66



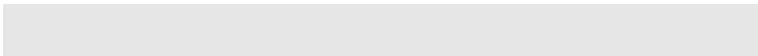
C9C5B5



9B6672



66635A



E6E6E6



666666

Same Dimension

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



9B8F66



C9B777



8D9B66



4D4B45



8C6C00



0D0A00

Inverse Universe

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



66729B



778AC9



74669B



45474D



00208C



00030D

Previews

White Background



This preview shows how the Hex color 9B8F66 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

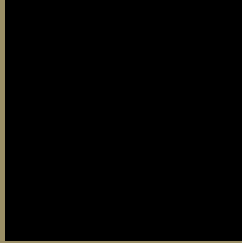
Any Text WCAG AA ✓ Pass

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 9B8F66 Background



This preview shows how black text looks on a background with the Hex color 9B8F66.



This preview shows how white text looks on a background with the Hex color 9B8F66.

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
9B8F66

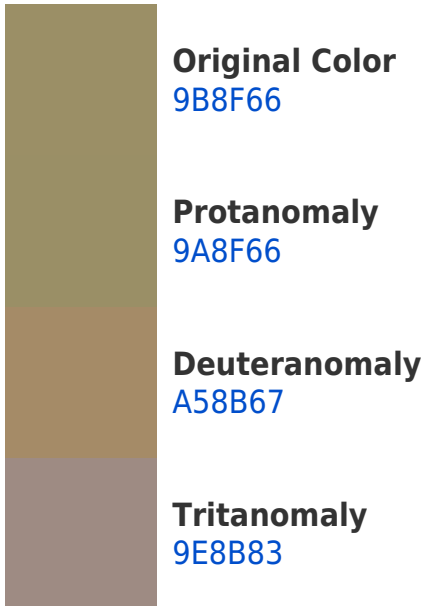
Protanopia
9A8F66

Deuteranopia
AA8967

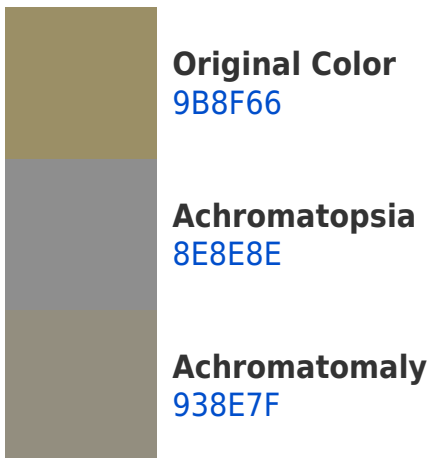


Tritanopia
A08994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B8F66 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 #9B8F66 looks like.

```
.text, #text, p{  
    color:#9B8F66  
}
```

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 #9B8F66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B8F66
}
```

Border

The CSS property to change the border of an element to Hex 9B8F66 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
#9B8F66 }
```

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

```
.border{ border-color:#9B8F66 }
```

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

Here you see how a box with a 4 pixel #9B8F66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B8F66; -webkit-box-shadow:4px 4px  
4px 4px #9B8F66; box-shadow:4px 4px 4px  
4px #9B8F66 }
```

Background

The CSS property to change the background color of an element to Hex 9B8F66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B8F66 }
```

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

```
.background{ background-color:#9B8F66 }
```

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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