

Converting Colors

Hex(9B825E)

Have a look what the booklet for
Hex(9B825E) contains.

Hex(9B825E)	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(9B825E)

Conversions

Conversions Part 1

Format	Color
Hex	9B825E
RGB	155, 130, 94
RGB Percent	61%, 51%, 37%
CMY	0.3922, 0.4902, 0.6314
CMYK	0.00, 0.16, 0.39, 0.39
HSL	35°, 24%, 49%
HSV	35°, 39%, 61%
XYZ	23.5206, 23.7420, 13.9327
YIQ	133.3710, 26.4560, -5.8960

Conversions

Conversions Part 2

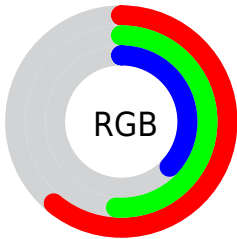
Format	Color
RYB	136, 155, 94
Decimal	10191454
CIELab	55.83, 4.31, 23.06
CIElCh	56, 23.458, 79.424
Yxy	23.7420, 0.3844, 0.3880
Android (android.graphics.Color)	4288381534 (0xFF9B825E)
YUV	133.3710, -19.4099, 18.9686
Hunter-Lab	48.7257, 0.8943, 17.1546

Details

The Hex color **9B825E** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5E779B**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **D2B791**, and **66512F** is the 20% darker color. If you saturate the color by 10%, you get **9B7C4F**, and if you desaturate by 10%, it is **9B886E**.

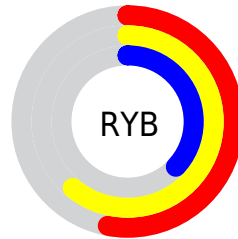
Distribution



Red (61%)

Green (51%)

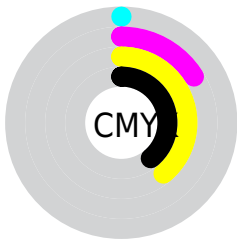
Blue (37%)



Red (53%)

Yellow (61%)

Blue (37%)

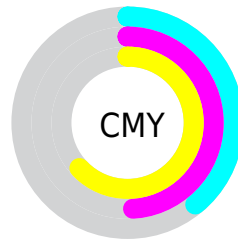


Cyan (0%)

Magenta (16%)

Yellow (39%)

Black (39%)



Cyan (39%)

Magenta (49%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B825E 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 9B825E by changing the saturation by 10% instead.

 9B825E

 9B825E

FFFFFF

 806946

 D2B791

 66512F

 EFD2AB

 4D3A1A

 FFEFC7

 362400

 FFFFE3

 1F1000

 000000

 9B825E

 9B825E

 9B7C4F

 9B886E

 9B753F

 9B8F7D

 9B6F30

 9B958C

 9B6920

 9B9B9C

 9B6211

 9BA2AB

 9B5C01

 9BA8BB

 9B5B00

 9BAECB

 9BB5DA

 9BBBEA

Harmonies

Analogous

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



A97B68



9B825E



87895F

Triad

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



9B825E



489193



997CA0

Complementary

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



9B825E



5E779B

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.



7F83AC



9B825E



4B8FA4

Square

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



9B825E



59917E



628AAD



AA778E

Rectangle

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



9B825E



778C66



628AAD



917EA5

Sweetspot

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



9B825E



C9C0B1



9B5E77



666058



E6E6E6



666666

Same Dimension

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



9B825E



C9A36B



969B5E



4D4945



8C5300



0D0800

Inverse Universe

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



5E779B



6B92C9



635E9B



45484D



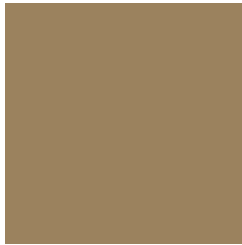
00398C



00050D

Previews

White Background



This preview shows how the Hex color 9B825E looks on a white background.

Color Contrast Check

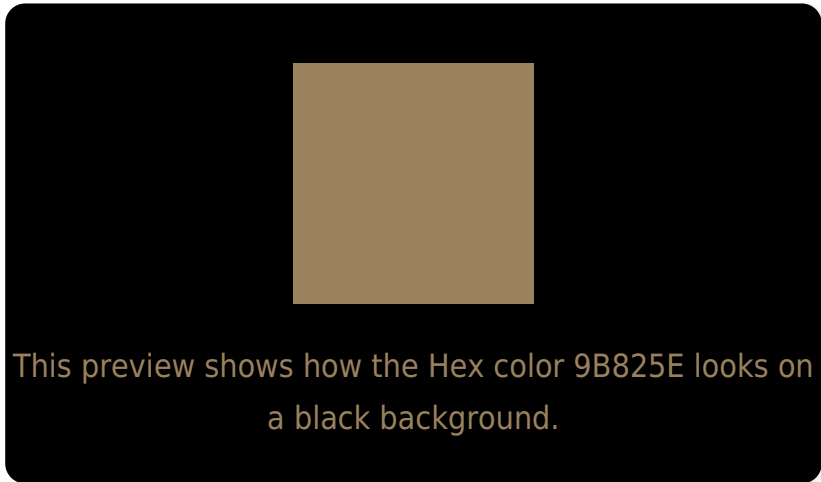
Large Text (above 18pt) WCAG AA ✓ Pass

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

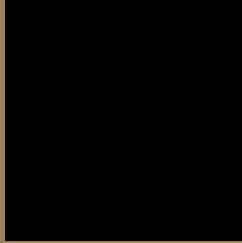
Any Text WCAG AA ✓ Pass

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 9B825E Background



This preview shows how black text looks on a background with the Hex color 9B825E.



This preview shows how white text looks on a background with the Hex color 9B825E.

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
9B825E

Protanopia
908660

Deuteranopia
9F805E



Tritanopia
9F7D86

Trichromacy



Original Color
9B825E

Protanomaly
94855F

Deuteranomaly
9E815E

Tritanomaly
9E7F77

Monochromacy



Original Color
9B825E

Achromatopsia
858585

Achromatomaly
8D8477

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B825E 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 #9B825E looks like.

```
.text, #text, p{  
    color:#9B825E  
}
```

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 #9B825E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B825E
}
```

Border

The CSS property to change the border of an element to Hex 9B825E is called "border". The border property can be set on classes, ids or directly on the HTML element.

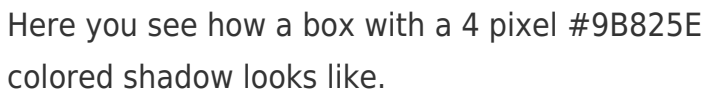
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B825E }
```

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

```
.border{ border-color:#9B825E }
```

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



Here you see how a box with a 4 pixel #9B825E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B825E; -webkit-box-shadow:4px 4px  
4px 4px #9B825E; box-shadow:4px 4px 4px  
4px #9B825E }
```

Background

The CSS property to change the background color of an element to Hex 9B825E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B825E }
```

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

```
.background{ background-color:#9B825E }
```

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