

Converting Colors

Hex(9B805C)

Have a look what the booklet for
Hex(9B805C) contains.

Hex(9B805C)	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(9B805C)

Conversions

Conversions Part 1

Format	Color
Hex	9B805C
RGB	155, 128, 92
RGB Percent	61%, 50%, 36%
CMY	0.3922, 0.4980, 0.6392
CMYK	0.00, 0.17, 0.41, 0.39
HSL	34°, 26%, 48%
HSV	34°, 41%, 61%
XYZ	23.1685, 23.1796, 13.3782
YIQ	131.9690, 27.6480, -5.4720

Conversions

Conversions Part 2

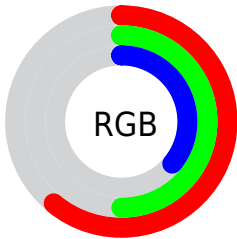
Format	Color
R_YB	139, 155, 92
Decimal	10190940
CIE _{Lab}	55.26, 5.20, 23.43
CIE _{LCh}	55, 23.998, 77.497
Yxy	23.1796, 0.3879, 0.3881
Android (android.graphics.Color)	4288381020 (0xFF9B805C)
YUV	131.9690, -19.7047, 20.1982
Hunter-Lab	48.1452, 1.6439, 17.2266

Details

The Hex color **9B805C** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5C779B**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **D3B58F**, and **664F2D** is the 20% darker color. If you saturate the color by 10%, you get **9B794D**, and if you desaturate by 10%, it is **9B876C**.

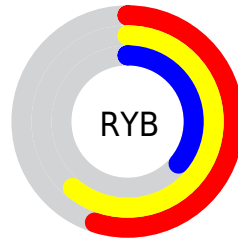
Distribution



Red (61%)

Green (50%)

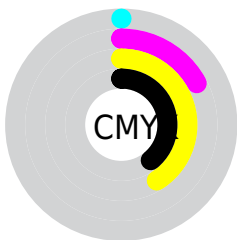
Blue (36%)



Red (55%)

Yellow (61%)

Blue (36%)

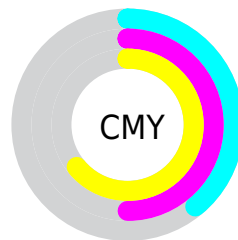


Cyan (0%)

Magenta (17%)

Yellow (41%)

Black (39%)



Cyan (39%)

Magenta (50%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B805C 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 9B805C by changing the saturation by 10% instead.

 9B805C

 9B805C

FFFFFF

 806744

 D3B58F

 664F2D

 EFD0A9

 4D3818

 FFECC5

 362300

 FFFFE1

 1E0E00

FFFFFFD

 000000

 9B805C

 9B805C

 9B794D

 9B876C

 9B733D

 9B8D7B

 9B6C2E

 9B948B

 9B651E

 9B9B9A

 9B5F0F

 9BA1AA

 9B5900

 9BA8B9

 9BAEC8

 9BB5D8

 9BBCE8

Harmonies

Analogous

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



A97967



9B805C



87875C

Triad

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



9B805C



459090



967BA1

Complementary

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



9B805C



5C779B

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.



7B82AC



9B805C



468EA2

Square

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



9B805C



578F7B



5D89AC



A8768E

Rectangle

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



9B805C



778B63



5D89AC



8E7DA5

Sweetspot

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



9B805C



C9BFB1



9B5C77



666058



E6E6E6



666666

Same Dimension

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



9B805C



C99F67



979B5C



4D4945



8C5000



0D0700

Inverse Universe

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



5C779B



6791C9



605C9B



45484D



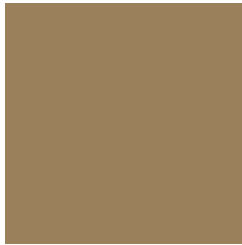
003C8C



00050D

Previews

White Background



This preview shows how the Hex color 9B805C looks on a white background.

Color Contrast Check

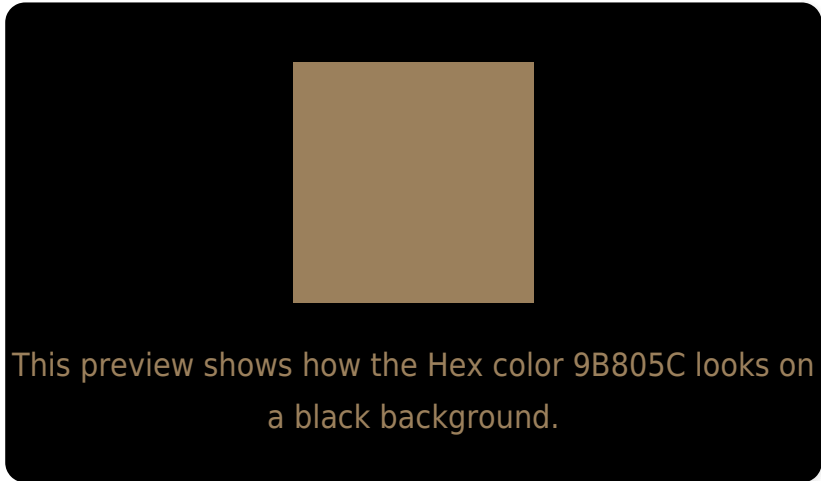
Large Text (above 18pt) WCAG AA ✓ Pass

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

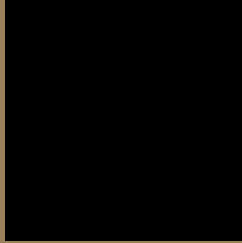
Any Text WCAG AA ✓ Pass

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 9B805C Background



This preview shows how black text looks on a background with the Hex color 9B805C.



This preview shows how white text looks on a background with the Hex color 9B805C.

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
9B805C

Protanopia
8F845E

Deuteranopia
9E7F5C



Tritanopia
9F7B84

Trichromacy



Original Color
9B805C

Protanomaly
93835D

Deuteranomaly
9D7F5C

Tritanomaly
9E7D75

Monochromacy



Original Color
9B805C

Achromatopsia
848484

Achromatomaly
8C8375

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B805C 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 #9B805C looks like.

```
.text, #text, p{  
    color:#9B805C  
}
```

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 #9B805C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B805C
}
```

Border

The CSS property to change the border of an element to Hex 9B805C 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
#9B805C }
```

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

```
.border{ border-color:#9B805C }
```

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

Here you see how a box with a 4 pixel #9B805C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B805C; -webkit-box-shadow:4px 4px  
4px 4px #9B805C; box-shadow:4px 4px 4px  
4px #9B805C }
```

Background

The CSS property to change the background color of an element to Hex 9B805C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B805C }
```

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

```
.background{ background-color:#9B805C }
```

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