

Converting Colors

Hex(9B8C40)

Have a look what the booklet for
Hex(9B8C40) contains.

Hex(9B8C40)	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(9B8C40)

Conversions

Conversions Part 1

Format	Color
Hex	9B8C40
RGB	155, 140, 64
RGB Percent	61%, 55%, 25%
CMY	0.3922, 0.4510, 0.7490
CMYK	0.00, 0.10, 0.59, 0.39
HSL	50°, 42%, 43%
HSV	50°, 59%, 61%
XYZ	23.8211, 26.0949, 8.6318
YIQ	135.8210, 33.3360, -20.4560

Conversions

Conversions Part 2

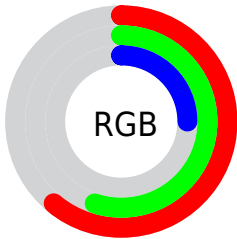
Format	Color
RYB	82, 155, 64
Decimal	10193984
CIELab	58.13, -4.27, 41.89
CIELCh	58, 42.106, 95.822
Yxy	26.0949, 0.4069, 0.4457
Android (android.graphics.Color)	4288384064 (0xFF9B8C40)
YUV	135.8210, -35.4078, 16.8200
Hunter-Lab	51.0832, -6.1575, 25.7397

Details

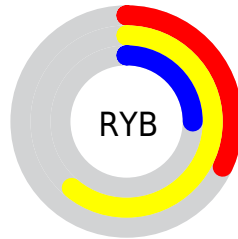
The Hex color **9B8C40** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **404F9B**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **D3C172**, and **655A0D** is the 20% darker color. If you saturate the color by 10%, you get **9B8931**, and if you desaturate by 10%, it is **9B8F50**.

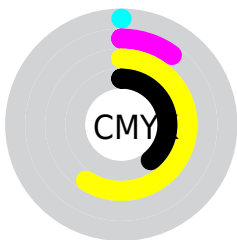
Distribution



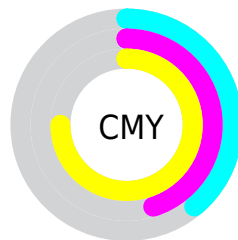
- Red (61%)
- Green (55%)
- Blue (25%)



- Red (32%)
- Yellow (61%)
- Blue (25%)



- Cyan (0%)
- Magenta (10%)
- Yellow (59%)
- Black (39%)



- Cyan (39%)
- Magenta (45%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B8C40 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 9B8C40 by changing the saturation by 10% instead.



9B8C40



9B8C40

FFFFFF



807327



D3C172



655A0D



F1DD8D



4C4300



FFFAA8



332D00



FFFFC3



1A1900



FFFFDF



000000

FFFFFFC



9B8C40



9B8C40



9B8931



9B8F50

 9B8721

 9B915F

 9B8412

 9B946E

 9B8202

 9B967E

 9B8100

 9B998E

 9B9B9D

 9B9EAD

 9BA0BC

 9BA3CB

Harmonies

Analogous

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



BA7F48



9B8C40



74964E

Triad

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



9B8C40



009DB6



BF72AB

Complementary

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



9B8C40



404F9B

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.



987FC8



9B8C40



0098CE

Square

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



9B8C40



009F92



5B8DD5



D06D86

Rectangle

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



9B8C40



559B61



5B8DD5



B576B6

Sweetspot

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



9B8C40



C9C3A5



9B404F



666250



E6E6E6



666666

Same Dimension

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



9B8C40



C9B23C



7D9B40



4D4B45



8C7500



0D0B00

Inverse Universe

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



404F9B



3C54C9



5E409B



45464D



00178C



00020D

Previews

White Background



This preview shows how the Hex color 9B8C40 looks on a white background.

Color Contrast Check

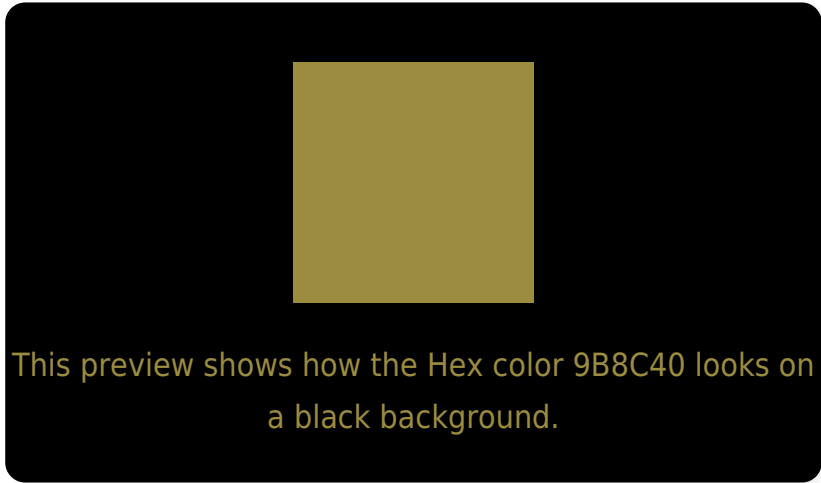
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B8C40 Background



This preview shows how black text looks on a background with the Hex color 9B8C40.



This preview shows how white text looks on a background with the Hex color 9B8C40.

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
9B8C40

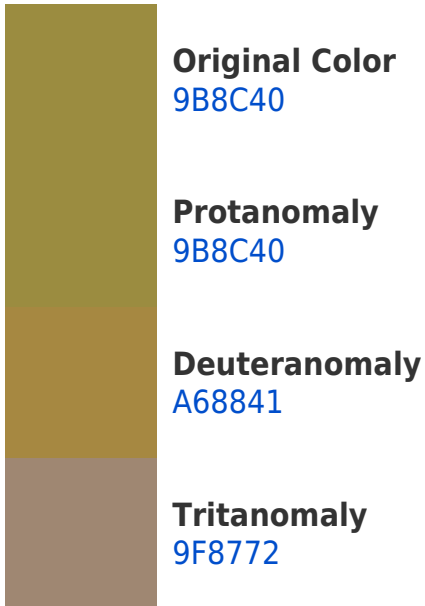
Protanopia
9B8C40

Deuteranopia
AD8542

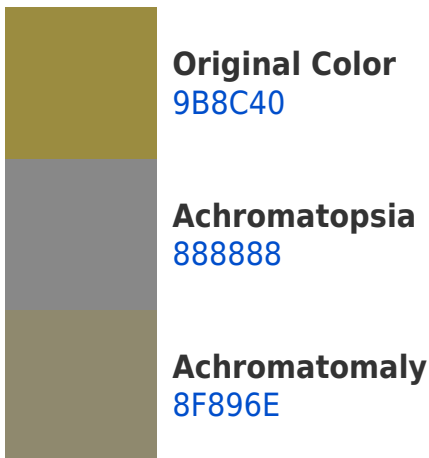


Tritanopia
A2848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B8C40 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 #9B8C40 looks like.

```
.text, #text, p{  
    color:#9B8C40  
}
```

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 #9B8C40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B8C40
}
```

Border

The CSS property to change the border of an element to Hex 9B8C40 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
#9B8C40 }
```

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

```
.border{ border-color:#9B8C40 }
```

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

Here you see how a box with a 4 pixel #9B8C40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B8C40; -webkit-box-shadow:4px 4px  
4px 4px #9B8C40; box-shadow:4px 4px 4px  
4px #9B8C40 }
```

Background

The CSS property to change the background color of an element to Hex 9B8C40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B8C40 }
```

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

```
.background{ background-color:#9B8C40 }
```

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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