

Converting Colors

Hex(9B783A)

Have a look what the booklet for
Hex(9B783A) contains.

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Color

Hex(9B783A)

Conversions

Conversions Part 1

Format	Color
Hex	9B783A
RGB	155, 120, 58
RGB Percent	61%, 47%, 23%
CMY	0.3922, 0.5294, 0.7725
CMYK	0.00, 0.23, 0.63, 0.39
HSL	38°, 46%, 42%
HSV	38°, 63%, 61%
XYZ	20.9978, 20.7070, 6.8931
YIQ	123.3970, 40.7620, -11.8620

Conversions

Conversions Part 2

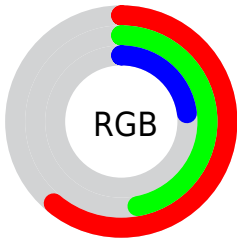
Format	Color
RYB	113, 155, 58
Decimal	10188858
CIELab	52.63, 6.45, 38.61
CIElCh	53, 39.148, 80.512
Yxy	20.7070, 0.4321, 0.4261
Android (android.graphics.Color)	4288378938 (0xFF9B783A)
YUV	123.3970, -32.2407, 27.7158
Hunter-Lab	45.5049, 2.7333, 22.8721

Details

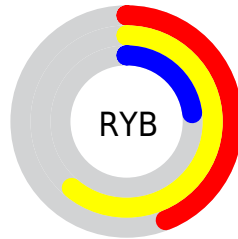
The Hex color **9B783A** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3A5D9B**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **D4AC6B**, and **654808** is the 20% darker color. If you saturate the color by 10%, you get **9B722A**, and if you desaturate by 10%, it is **9B7E49**.

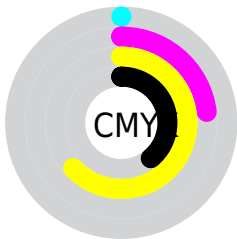
Distribution



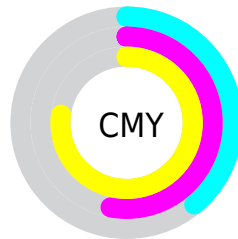
- Red (61%)
- Green (47%)
- Blue (23%)



- Red (44%)
- Yellow (61%)
- Blue (23%)



- Cyan (0%)
- Magenta (23%)
- Yellow (63%)
- Black (39%)



- Cyan (39%)
- Magenta (53%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B783A 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 9B783A by changing the saturation by 10% instead.



9B783A



9B783A

FFFFFF



7F5F22



D4AC6B



654808



F1C785



4B3100



FFE3A0



311D00



FFFFBB



190400



FFFFD7



000000



FFFFF4



9B783A



9B783A



9B722A



9B7E49

 9B6D1B

 9B8359

 9B670B

 9B8968

 9B6300

 9B8E78

 9B9487

 9B9A97

 9B9FA7

 9BA5B6

 9BAAC5

Harmonies

Analogous

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



B36C4B



9B783A



7B833C

Triad

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



9B783A



008F94



9D6CA9

Complementary

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



9B783A



3A5D9B

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.



6F79BD



9B783A



008CB1

Square

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



9B783A



128E71



2284C0



B7638A

Rectangle

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



9B783A



628849



2284C0



9070B1

Sweetspot

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



9B783A



C9BCA3



9B3A5E



665E4F



E6E6E6



666666

Same Dimension

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



9B783A



C99332



8E9B3A



4D4A45



8C5A00



0D0800

Inverse Universe

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



3A5D9B



3269C9



473A9B



45484D



00338C



00050D

Previews

White Background



This preview shows how the Hex color 9B783A looks on a white background.

Color Contrast Check

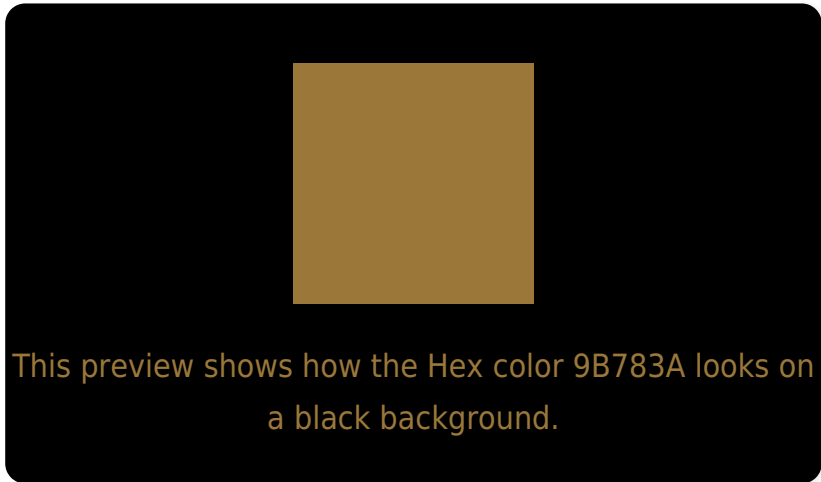
Large Text (above 18pt) WCAG AA ✓ Pass

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

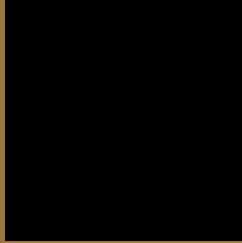
Any Text WCAG AA ✓ Pass

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 9B783A Background



This preview shows how black text looks on a background with the Hex color 9B783A.



This preview shows how white text looks on a background with the Hex color 9B783A.

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
9B783A

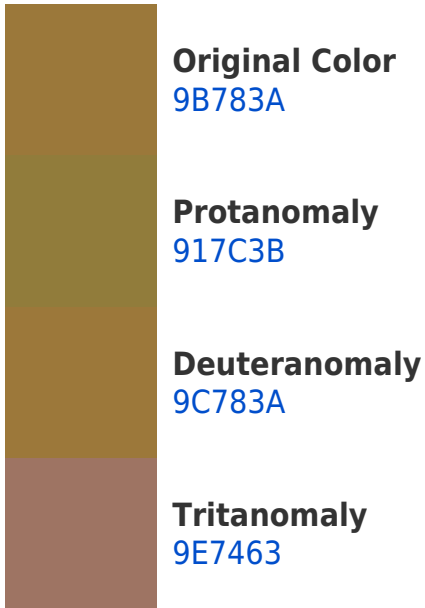
Protanopia
8B7E3C

Deuteranopia
9C783A

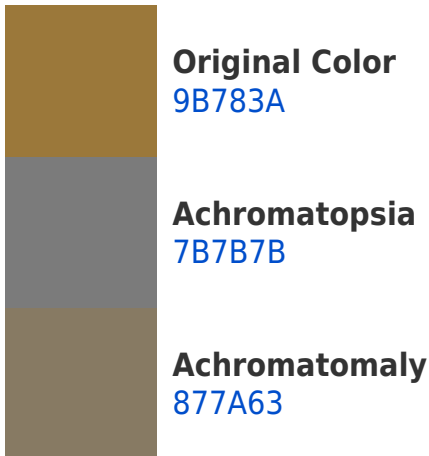


Tritanopia
A0717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B783A 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 #9B783A looks like.

```
.text, #text, p{  
    color:#9B783A  
}
```

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 #9B783A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B783A
}
```

Border

The CSS property to change the border of an element to Hex 9B783A 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
#9B783A }
```

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

```
.border{ border-color:#9B783A }
```

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

Here you see how a box with a 4 pixel #9B783A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B783A; -webkit-box-shadow:4px 4px  
4px 4px #9B783A; box-shadow:4px 4px 4px  
4px #9B783A }
```

Background

The CSS property to change the background color of an element to Hex 9B783A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B783A }
```

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

```
.background{ background-color:#9B783A }
```

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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