

Converting Colors

Hex(9A7B42)

Have a look what the booklet for
Hex(9A7B42) contains.

Hex(9A7B42)	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(9A7B42)

Conversions

Conversions Part 1

Format	Color
Hex	9A7B42
RGB	154, 123, 66
RGB Percent	60%, 48%, 26%
CMY	0.3961, 0.5176, 0.7412
CMYK	0.00, 0.20, 0.57, 0.40
HSL	39°, 40%, 43%
HSV	39°, 57%, 60%
XYZ	21.3928, 21.4293, 8.1630
YIQ	125.7710, 36.7730, -11.1550

Conversions

Conversions Part 2

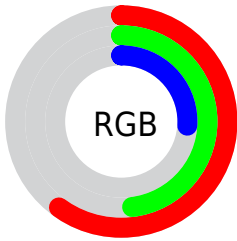
Format	Color
RYB	114, 154, 66
Decimal	10124098
CIELab	53.42, 4.94, 35.35
CIELCh	53, 35.694, 82.050
Yxy	21.4293, 0.4196, 0.4203
Android (android.graphics.Color)	4288314178 (0xFF9A7B42)
YUV	125.7710, -29.4671, 24.7568
Hunter-Lab	46.2918, 1.4793, 21.9492

Details

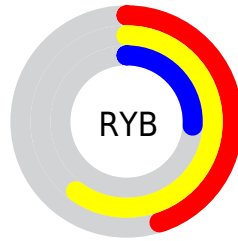
The Hex color **9A7B42** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **42619A**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **D2AF74**, and **644B13** is the 20% darker color. If you saturate the color by 10%, you get **9A7633**, and if you desaturate by 10%, it is **9A8051**.

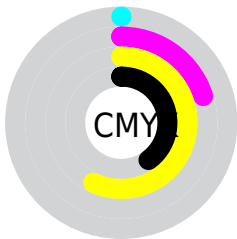
Distribution



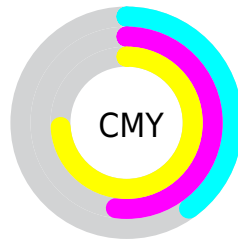
- Red (60%)
- Green (48%)
- Blue (26%)



- Red (45%)
- Yellow (60%)
- Blue (26%)



- Cyan (0%)
- Magenta (20%)
- Yellow (57%)
- Black (40%)



- Cyan (40%)
- Magenta (52%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A7B42 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 9A7B42 by changing the saturation by 10% instead.



9A7B42



9A7B42

FFFFFF



7F622A



D2AF74



644B13



F0CB8D



4B3400



FFE7A8



311F00



FFFFC4



190800



FFFFE0



000000

FFFFFFD



9A7B42



9A7B42



9A7633



9A8051

■ 9A7023

■ 9A8661

■ 9A6B14

■ 9A8B70

■ 9A6504

■ 9A9180

■ 9A6400

■ 9A968F

■ 9A9C9E

■ 9AA1AE

■ 9AA6BD

■ 9AACCD

Harmonies

Analogous

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



B07050



9A7B42



7C8545

Triad

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



9A7B42



008F96



9E6FA6

Complementary

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



9A7B42



42619A

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.



767BB8



9A7B42



008CAF

Square

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



9A7B42



278F76



3C85BC



B56789

Rectangle

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



9A7B42



658A51



3C85BC



9373AD

Sweetspot

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



9A7B42



C9BDA7



9A4262



665F52



E6E6E6



666666

Same Dimension

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



9A7B42



C9983E



8E9A42



4D4A45



8C5B00



0D0800

Inverse Universe

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



42619A



3E6FC9



4E429A



45484D



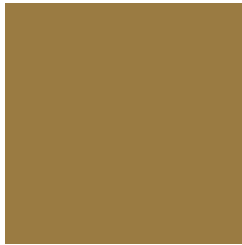
00318C



00040D

Previews

White Background



This preview shows how the Hex color 9A7B42 looks on a white background.

Color Contrast Check

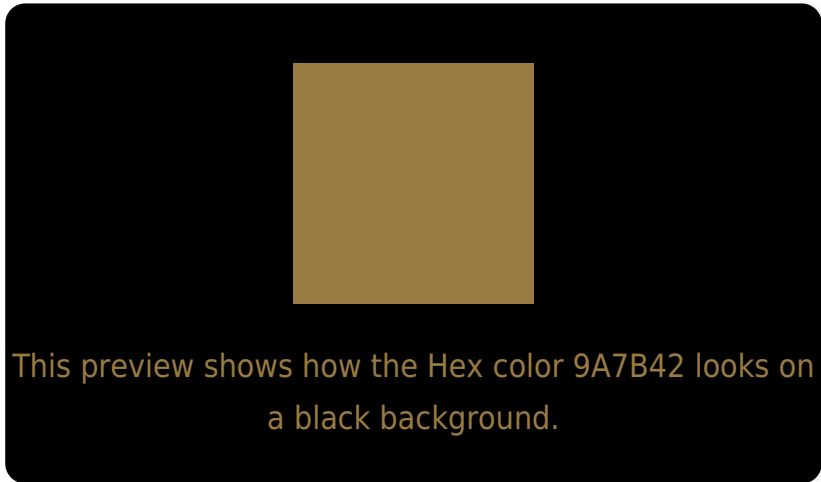
Large Text (above 18pt) WCAG AA ✓ Pass

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

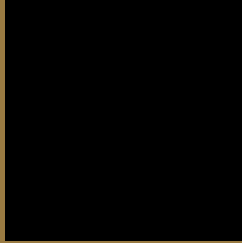
Any Text WCAG AA ✓ Pass

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 9A7B42 Background



This preview shows how black text looks on a background with the Hex color 9A7B42.



This preview shows how white text looks on a background with the Hex color 9A7B42.

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
9A7B42

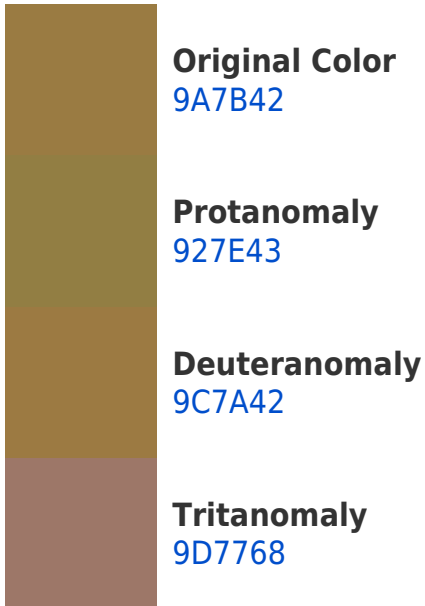
Protanopia
8D8044

Deuteranopia
9D7A42

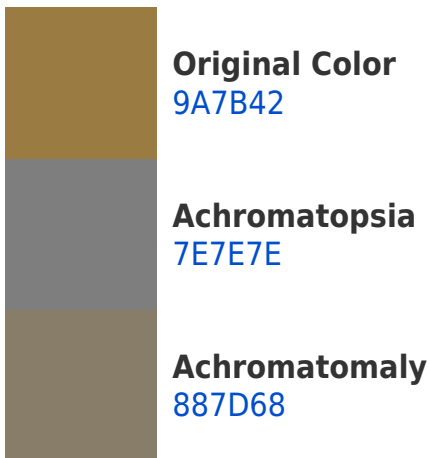


Tritanopia
9F747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A7B42 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 #9A7B42 looks like.

```
.text, #text, p{  
    color:#9A7B42  
}
```

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 #9A7B42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A7B42
}
```

Border

The CSS property to change the border of an element to Hex 9A7B42 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
#9A7B42 }
```

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

```
.border{ border-color:#9A7B42 }
```

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

Here you see how a box with a 4 pixel #9A7B42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A7B42; -webkit-box-shadow:4px 4px  
4px 4px #9A7B42; box-shadow:4px 4px 4px  
4px #9A7B42 }
```

Background

The CSS property to change the background color of an element to Hex 9A7B42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A7B42 }
```

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

```
.background{ background-color:#9A7B42 }
```

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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