

Converting Colors

Hex(9C7B38)

Have a look what the booklet for
Hex(9C7B38) contains.

Hex(9C7B38)	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(9C7B38)

Conversions

Conversions Part 1

Format	Color
Hex	9C7B38
RGB	156, 123, 56
RGB Percent	61%, 48%, 22%
CMY	0.3882, 0.5176, 0.7804
CMYK	0.00, 0.21, 0.64, 0.39
HSL	40°, 47%, 42%
HSV	40°, 64%, 61%
XYZ	21.5071, 21.5194, 6.7615
YIQ	125.2290, 41.1750, -13.8410

Conversions

Conversions Part 2

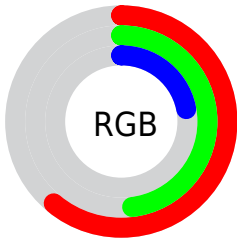
Format	Color
RYB	105, 156, 56
Decimal	10255160
CIELab	53.51, 5.06, 40.65
CIELCh	54, 40.964, 82.906
Yxy	21.5194, 0.4320, 0.4322
Android (android.graphics.Color)	4288445240 (0xFF9C7B38)
YUV	125.2290, -34.1299, 26.9862
Hunter-Lab	46.3890, 1.5763, 23.8304

Details

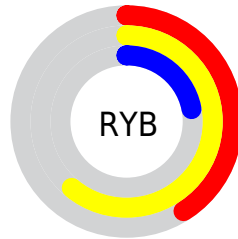
The Hex color **9C7B38** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **38599C**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **D5AF6A**, and **654B05** is the 20% darker color. If you saturate the color by 10%, you get **9C7628**, and if you desaturate by 10%, it is **9C8048**.

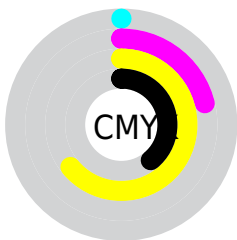
Distribution



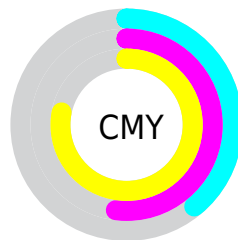
- Red (61%)
- Green (48%)
- Blue (22%)



- Red (41%)
- Yellow (61%)
- Blue (22%)



- Cyan (0%)
- Magenta (21%)
- Yellow (64%)
- Black (39%)



- Cyan (39%)
- Magenta (52%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C7B38 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 9C7B38 by changing the saturation by 10% instead.



9C7B38



9C7B38

FFFFFF



806220



D5AF6A



654B05



F2CB83



4C3400



FFE79E



321F00



FFFFB9



190800



FFFFD5



000000



FFFFF2



9C7B38



9C7B38



9C7628



9C8048

■ 9C7119

■ 9C8557

■ 9C6C09

■ 9C8A67

■ 9C6900

■ 9C9076

■ 9C9586

■ 9C9A96

■ 9C9FA5

■ 9CA4B5

■ 9CA9C4

Harmonies

Analogous

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



B56E49



9C7B38



7A863C

Triad

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



9C7B38



00929A



A36CAB

Complementary

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



9C7B38



38599C

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.



757AC1



9C7B38



008EB7

Square

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



9C7B38



009176



2586C6



BD638A

Rectangle

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



9C7B38



5F8B4A



2586C6



9671B4

Sweetspot

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



9C7B38



CCBFA5



9C3859



665E4F



E6E6E6



666666

Same Dimension

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



9C7B38



CC982F



8B9C38



4F4C47



8F6000



0F0A00

Inverse Universe

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



38599C



2F63CC



49389C



474A4F



002F8F



00050F

Previews

White Background



This preview shows how the Hex color 9C7B38 looks on a white background.

Color Contrast Check

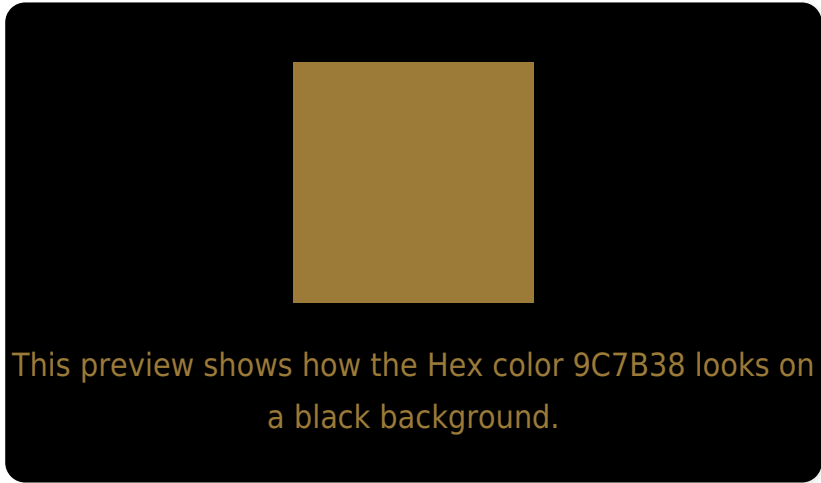
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C7B38 Background



This preview shows how black text looks on a background with the Hex color 9C7B38.



This preview shows how white text looks on a background with the Hex color 9C7B38.

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
9C7B38

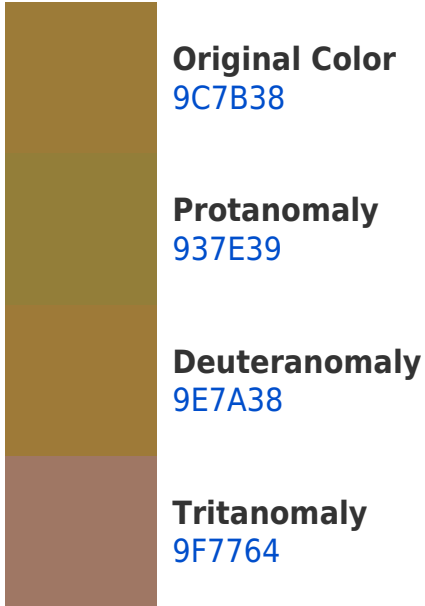
Protanopia
8E803A

Deuteranopia
9F7A38

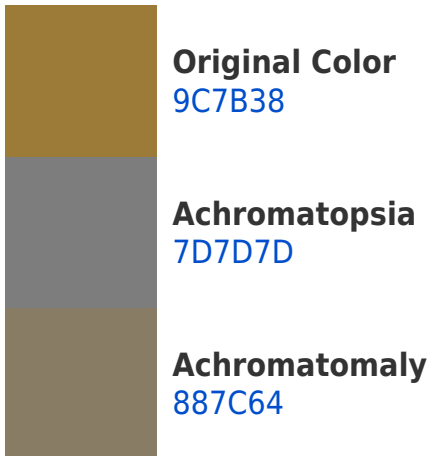


Tritanopia
A1747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9C7B38 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 #9C7B38 looks like.

```
.text, #text, p{  
    color:#9C7B38  
}
```

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 #9C7B38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C7B38  
}
```

Border

The CSS property to change the border of an element to Hex 9C7B38 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  
#9C7B38 }
```

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

```
.border{ border-color:#9C7B38 }
```

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

Here you see how a box with a 4 pixel #9C7B38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C7B38; -webkit-box-shadow:4px 4px  
4px 4px #9C7B38; box-shadow:4px 4px 4px  
4px #9C7B38 }
```

Background

The CSS property to change the background color of an element to Hex 9C7B38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C7B38 }
```

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

```
.background{ background-color:#9C7B38 }
```

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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