

Converting Colors

Hex(9C7F41)

Have a look what the booklet for
Hex(9C7F41) contains.

Hex(9C7F41)	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(9C7F41)

Conversions

Conversions Part 1

Format	Color
Hex	9C7F41
RGB	156, 127, 65
RGB Percent	61%, 50%, 25%
CMY	0.3882, 0.5020, 0.7451
CMYK	0.00, 0.19, 0.58, 0.39
HSL	41°, 41%, 43%
HSV	41°, 58%, 61%
XYZ	22.2538, 22.6283, 8.1958
YIQ	128.6030, 37.1860, -13.1340

Conversions

Conversions Part 2

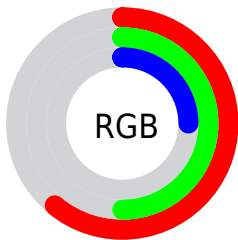
Format	Color
R_{YB}	108, 156, 65
Decimal	10256193
CIE _{Lab}	54.69, 3.48, 37.43
CIE _{LCh}	55, 37.592, 84.682
Yxy	22.6283, 0.4193, 0.4263
Android (android.graphics.Color)	4288446273 (0xFF9C7F41)
YUV	128.6030, -31.3563, 24.0272
Hunter-Lab	47.5692, 0.2596, 23.0832

Details

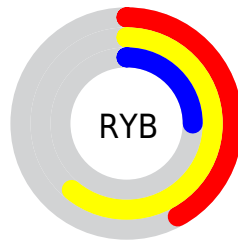
The Hex color **9C7F41** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **415E9C**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **D5B473**, and **664E11** is the 20% darker color. If you saturate the color by 10%, you get **9C7A31**, and if you desaturate by 10%, it is **9C8451**.

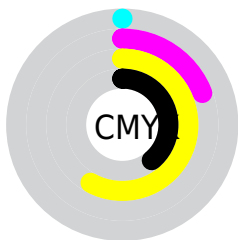
Distribution



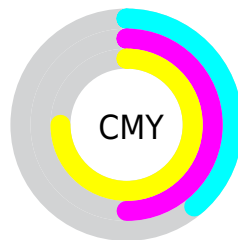
- Red (61%)
- Green (50%)
- Blue (25%)



- Red (42%)
- Yellow (61%)
- Blue (25%)



- Cyan (0%)
- Magenta (19%)
- Yellow (58%)
- Black (39%)



- Cyan (39%)
- Magenta (50%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9C7F41 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 9C7F41 by changing the saturation by 10% instead.

 9C7F41

 9C7F41

FFFFFF

 816629

 D5B473

 664E11

 F2CF8D

 4C3800

 FFEBA8

 332200

 FFFFC3

 1B0D00

 FFFFDF

 000000

FFFFFFC

 9C7F41

 9C7F41

 9C7A31

 9C8451

 9C7522

 9C8960

 9C7012

 9C8E70

 9C6B03

 9C937F

 9C6A00

 9C988F

 9C9D9F

 9CA2AE

 9CA7BE

 9CACCD

Harmonies

Analogous

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



B4734F



9C7F41



7C8946

Triad

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



9C7F41



00939D



A670A9

Complementary

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



9C7F41



415E9C

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.



7D7DBE



9C7F41



0090B7

Square

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



9C7F41



19937C



4088C3



BC698A

Rectangle

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



9C7F41



638E53



4088C3



9A74B1

Sweetspot

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



9C7F41



CCC0A7



9C415F



665F50



E6E6E6



666666

Same Dimension

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



9C7F41



CC9E3D



8D9C41



4F4D47



8F6100



0F0A00

Inverse Universe

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



415E9C



3D6BCC



50419C



474A4F



002E8F



00050F

Previews

White Background



This preview shows how the Hex color 9C7F41 looks on a white background.

Color Contrast Check

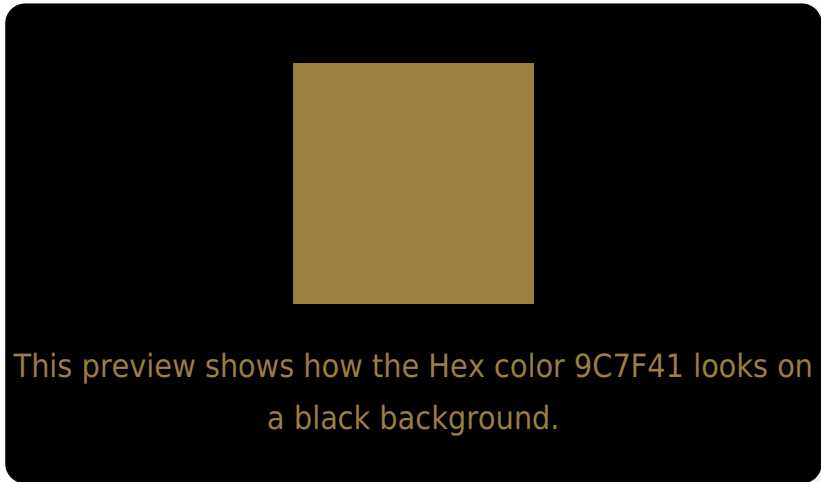
Large Text (above 18pt) WCAG AA ✓ Pass

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

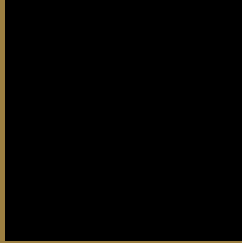
Any Text WCAG AA ✓ Pass

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 9C7F41 Background



This preview shows how black text looks on a background with the Hex color 9C7F41.



This preview shows how white text looks on a background with the Hex color 9C7F41.

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
9C7F41

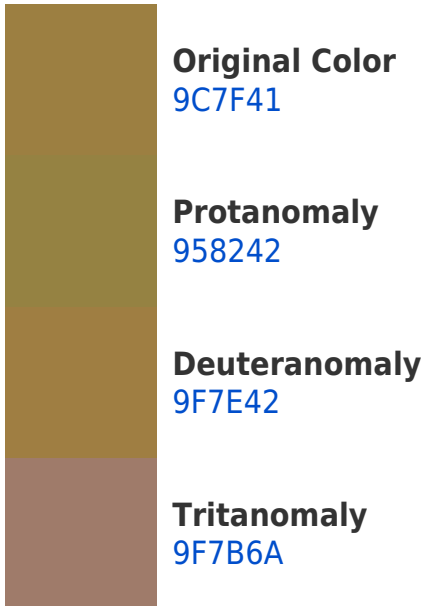
Protanopia
918342

Deuteranopia
A17D42

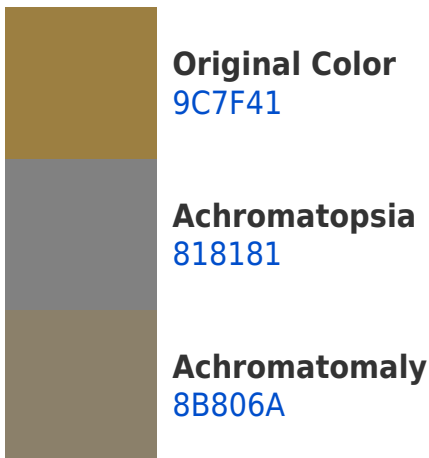


Tritanopia
A17881

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9C7F41 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 #9C7F41 looks like.

```
.text, #text, p{  
    color:#9C7F41  
}
```

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 #9C7F41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C7F41
}
```

Border

The CSS property to change the border of an element to Hex 9C7F41 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
#9C7F41 }
```

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

```
.border{ border-color:#9C7F41 }
```

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

Here you see how a box with a 4 pixel #9C7F41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C7F41; -webkit-box-shadow:4px 4px  
4px 4px #9C7F41; box-shadow:4px 4px 4px  
4px #9C7F41 }
```

Background

The CSS property to change the background color of an element to Hex 9C7F41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C7F41 }
```

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

```
.background{ background-color:#9C7F41 }
```

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