

Converting Colors

Hex(9D8242)

Have a look what the booklet for
Hex(9D8242) contains.

Hex(9D8242)	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(9D8242)

Conversions

Conversions Part 1

Format	Color
Hex	9D8242
RGB	157, 130, 66
RGB Percent	62%, 51%, 26%
CMY	0.3843, 0.4902, 0.7412
CMYK	0.00, 0.17, 0.58, 0.38
HSL	42°, 41%, 44%
HSV	42°, 58%, 62%
XYZ	22.8706, 23.5267, 8.4900
YIQ	130.7770, 36.6360, -14.1800

Conversions

Conversions Part 2

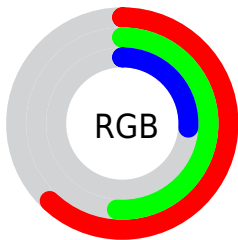
Format	Color
RYB	104, 157, 66
Decimal	10322498
CIELab	55.61, 2.33, 38.02
CIElCh	56, 38.095, 86.500
Yxy	23.5267, 0.4167, 0.4286
Android (android.graphics.Color)	4288512578 (0xFF9D8242)
YUV	130.7770, -31.9351, 22.9976
Hunter-Lab	48.5043, -0.7168, 23.5752

Details

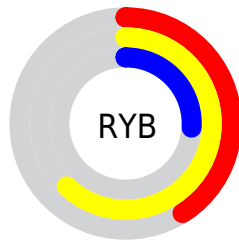
The Hex color **9D8242** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **425D9D**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **D6B774**, and **675112** is the 20% darker color. If you saturate the color by 10%, you get **9D7D32**, and if you desaturate by 10%, it is **9D8752**.

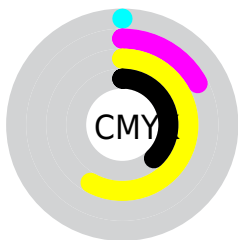
Distribution



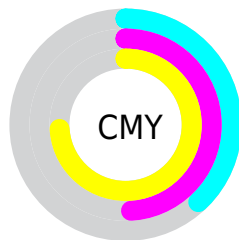
- Red (62%)
- Green (51%)
- Blue (26%)



- Red (41%)
- Yellow (62%)
- Blue (26%)



- Cyan (0%)
- Magenta (17%)
- Yellow (58%)
- Black (38%)



- Cyan (38%)
- Magenta (49%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D8242 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 9D8242 by changing the saturation by 10% instead.



9D8242



9D8242

FFFFFF



82692A



D6B774



675112



F3D28E



4D3A00



FFEFA9



342500



FFFFC4



1C1000



FFFFE1



000000

FFFFFFD



9D8242



9D8242



9D7D32



9D8752

■ 9D7923

■ 9D8B61

■ 9D7413

■ 9D9071

■ 9D6F03

■ 9D9581

■ 9D6E00

■ 9D9991

■ 9D9EA0

■ 9DA3B0

■ 9DA7C0

■ 9DACCF

Harmonies

Analogous

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



B6764F



9D8242



7C8C48

Triad

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



9D8242



0096A2



AB72AA

Complementary

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



9D8242



425D9D

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.



827EC0



9D8242



0092BC

Square

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



9D8242



129680



468AC7



C06A8A

Rectangle

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



9D8242



629156



468AC7



9F76B3

Sweetspot

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



9D8242



CCC2A9



9D425D



666052



E6E6E6



666666

Same Dimension

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



9D8242



CCA23D



8B9D42



4F4D47



8F6400



0F0B00

Inverse Universe

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



425D9D



3D68CC



54429D



47494F



002A8F



00050F

Previews

White Background



This preview shows how the Hex color 9D8242 looks on a white background.

Color Contrast Check

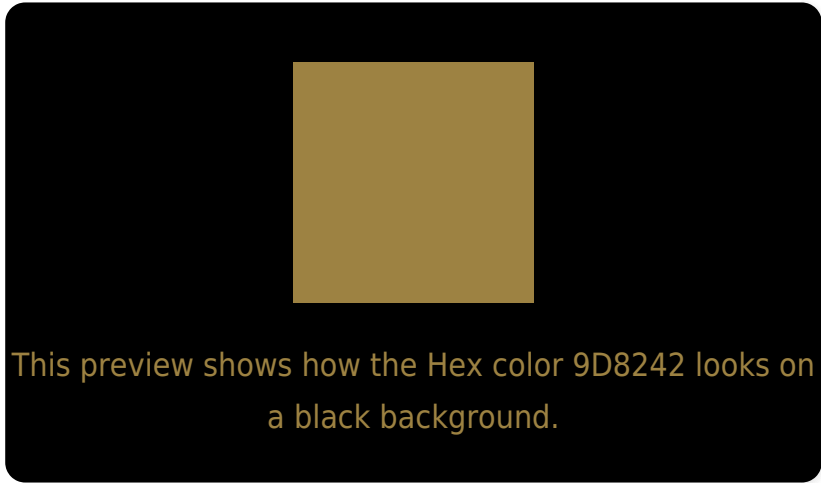
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D8242 Background



This preview shows how black text looks on a background with the Hex color 9D8242.



This preview shows how white text looks on a background with the Hex color 9D8242.

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
9D8242

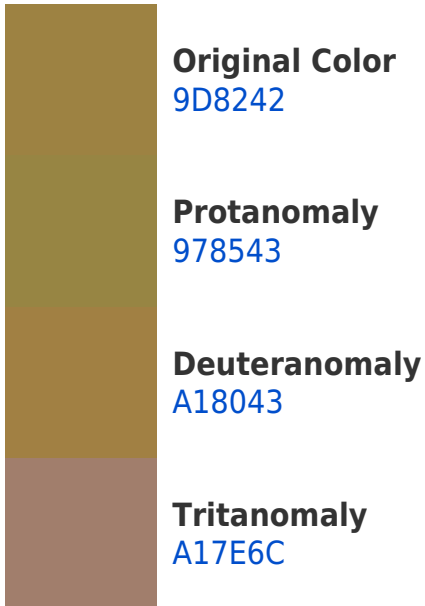
Protanopia
938643

Deuteranopia
A47F43

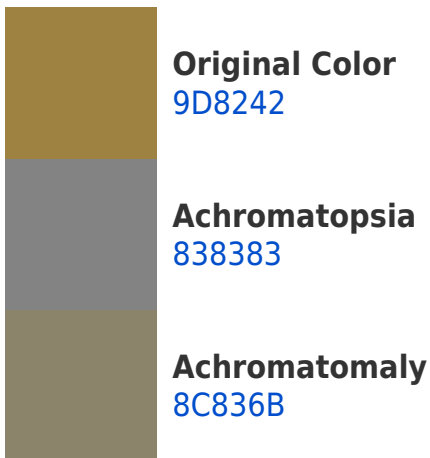


Tritanopia
A37B84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9D8242 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 #9D8242 looks like.

```
.text, #text, p{  
    color:#9D8242  
}
```

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 #9D8242 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D8242
}
```

Border

The CSS property to change the border of an element to Hex 9D8242 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
#9D8242 }
```

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

```
.border{ border-color:#9D8242 }
```

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

Here you see how a box with a 4 pixel #9D8242 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D8242; -webkit-box-shadow:4px 4px  
4px 4px #9D8242; box-shadow:4px 4px 4px  
4px #9D8242 }
```

Background

The CSS property to change the background color of an element to Hex 9D8242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D8242 }
```

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

```
.background{ background-color:#9D8242 }
```

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