

# Converting Colors

Hex(98842B)

Have a look what the booklet for  
Hex(98842B) contains.

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**Color**

**Hex(98842B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98842B
RGB	152, 132, 43
RGB Percent	60%, 52%, 17%
CMY	0.4039, 0.4824, 0.8314
CMYK	0.00, 0.13, 0.72, 0.40
HSL	49°, 56%, 38%
HSV	49°, 72%, 60%
XYZ	21.6362, 23.3523, 5.6526
YIQ	127.8340, 40.4890, -23.4390

# Conversions

## Conversions Part 2

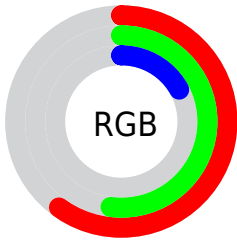
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 152, 43
Decimal	9995307
CIELab	55.43, -2.61, 48.55
CIElCh	55, 48.622, 93.076
Yxy	23.3523, 0.4272, 0.4611
Android (android.graphics.Color)	4288185387 (0xFF98842B)
YUV	127.8340, -41.8232, 21.1936
Hunter-Lab	48.3243, -4.6477, 26.8917

# Details

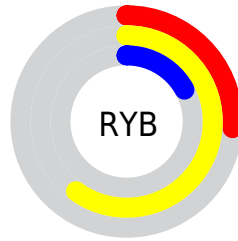
The Hex color **98842B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2B3F98**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **D1B95E**, and **615300** is the 20% darker color. If you saturate the color by 10%, you get **98811C**, and if you desaturate by 10%, it is **98873A**.

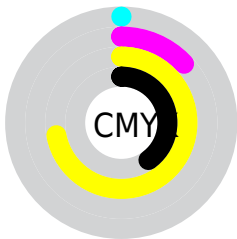
# Distribution



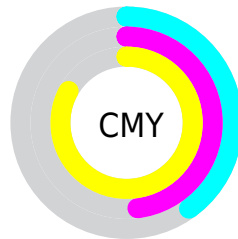
- Red (60%)
- Green (52%)
- Blue (17%)



- Red (26%)
- Yellow (60%)
- Blue (17%)



- Cyan (0%)
- Magenta (13%)
- Yellow (72%)
- Black (40%)



- Cyan (40%)
- Magenta (48%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98842B 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 98842B by changing the saturation by 10% instead.



 98842B

 98842B

FFFFFF

 7C6B0E

 D1B95E

 615300

 EED478

 483C00

 FFF193

 2E2700

 FFFF4E

 141300

 FFFFC4

 000000

 FFFF77

 98842B

 98842B

 98811C

 98873A

■ 987E0D

■ 988A49

■ 987C00

■ 988C59

■ 988F68

■ 989277

■ 989586

■ 989895

■ 989AA5

■ 989DB4

# Harmonies

## Analogous

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



BA7539



98842B



6D903A

# Triad

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



98842B



0099B2



BC67AC

# Complementary

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



98842B



2B3F98

# 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.



8C78CC



98842B



0093CF

# Square

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



98842B



009988



3588D9



D15F82

# Rectangle

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



98842B



489550



3588D9



AF6CB8



# Sweetspot

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



98842B



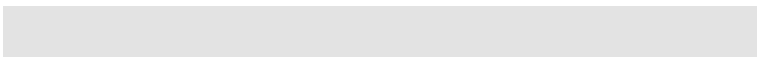
C4BC99



982B41



635F4A



E3E3E3



636363



# Same Dimension

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



98842B



C4A51B



77982B



4D4B45



8C7300



0D0A00



# Inverse Universe

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



2B3F98



1B3AC4



4C2B98



45464D



001A8C



00020D



# Previews

## White Background



This preview shows how the Hex color 98842B looks on a white background.

## Color Contrast Check

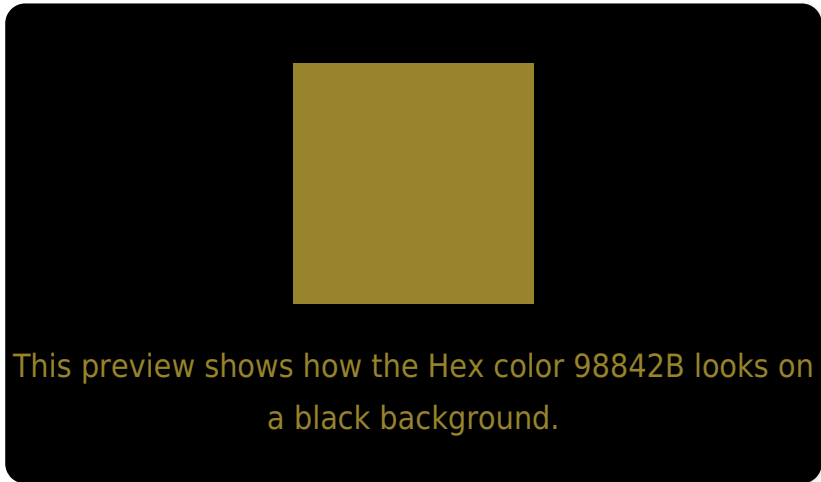
Large Text (above 18pt) WCAG AA ✓ Pass

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 98842B Background



This preview shows how black text looks on a background with the Hex color 98842B.



This preview shows how white text looks on a background with the Hex color 98842B.

# 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**  
98842B

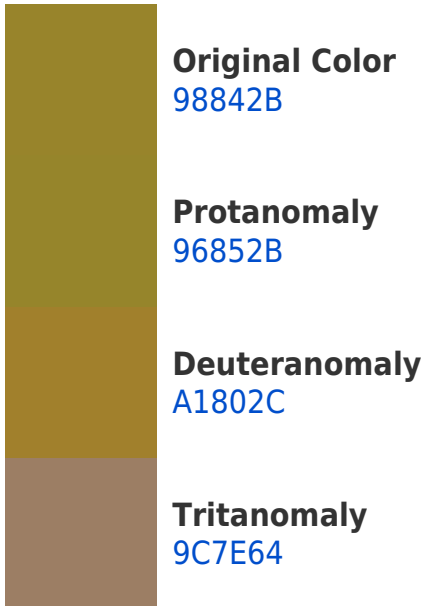
**Protanopia**  
95852B

**Deuteranopia**  
A67E2D

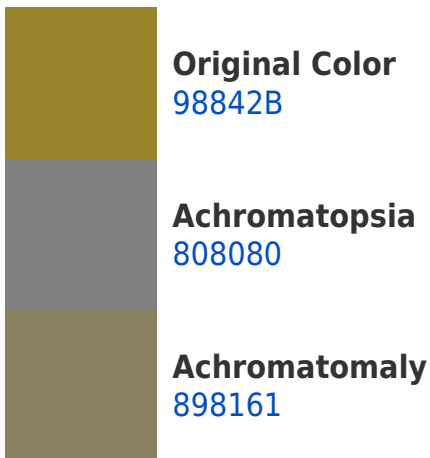


**Tritanopia**  
9F7B85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98842B 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 #98842B looks like.

```
.text, #text, p{  
    color:#98842B  
}
```

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 #98842B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98842B
}
```

## Border

The CSS property to change the border of an element to Hex 98842B 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
#98842B }
```

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

```
.border{ border-color:#98842B }
```

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

Here you see how a box with a 4 pixel #98842B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98842B; -webkit-box-shadow:4px 4px  
4px 4px #98842B; box-shadow:4px 4px 4px  
4px #98842B }
```

# Background

The CSS property to change the background color of an element to Hex 98842B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98842B }
```

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

```
.background{ background-color:#98842B }
```

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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