

# Converting Colors

Hex(97802B)

Have a look what the booklet for  
Hex(97802B) contains.

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**Color**

**Hex(97802B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	97802B
RGB	151, 128, 43
RGB Percent	59%, 50%, 17%
CMY	0.4078, 0.4980, 0.8314
CMYK	0.00, 0.15, 0.72, 0.41
HSL	47°, 56%, 38%
HSV	47°, 72%, 59%
XYZ	20.9177, 22.1921, 5.4665
YIQ	125.1870, 40.9930, -21.5590

# Conversions

## Conversions Part 2

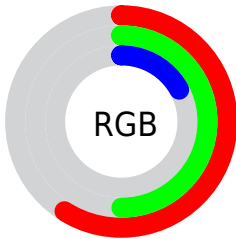
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 151, 43
Decimal	9928747
CIE <sub>Lab</sub>	54.23, -0.84, 47.31
CIE <sub>LCh</sub>	54, 47.313, 91.018
Yxy	22.1921, 0.4306, 0.4568
Android (android.graphics.Color)	4288118827 (0xFF97802B)
YUV	125.1870, -40.5182, 22.6380
Hunter-Lab	47.1085, -3.1799, 26.0958

# Details

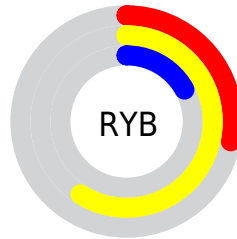
The Hex color **97802B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2B4297**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **D0B55E**, and **614F00** is the 20% darker color. If you saturate the color by 10%, you get **977D1C**, and if you desaturate by 10%, it is **97833A**.

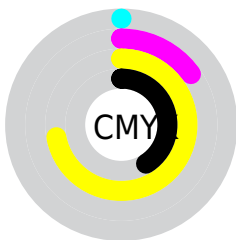
# Distribution



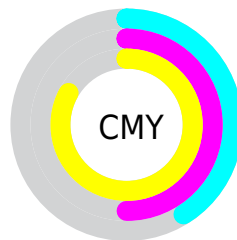
- Red (59%)
- Green (50%)
- Blue (17%)



- Red (28%)
- Yellow (59%)
- Blue (17%)



- Cyan (0%)
- Magenta (15%)
- Yellow (72%)
- Black (41%)



- Cyan (41%)
- Magenta (50%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97802B 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 97802B by changing the saturation by 10% instead.



 97802B

 97802B

FFFFFF

 7B670F

 D0B55E

 614F00

 EDD078

 473900

 FFEC92

 2D2300

 FFFFAE

 130F00

 FFFFC9

 000000

 FFFFEE

 97802B

 97802B

 977D1C

 97833A

■ 977A0D

■ 978649

■ 977700

■ 978A58

■ 978D67

■ 979077

■ 979386

■ 979795

■ 979AA4

■ 979DB3

# Harmonies

## Analogous

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



B7713A



97802B



6E8C38

# Triad

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



97802B



0095AB



B566AA

# Complementary

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



97802B



2B4297

# 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.



8576C8



97802B



0090C9

# Square

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



97802B



009682



2B86D3



CB5D82

# Rectangle

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



97802B



4B914C



2B86D3



A86BB6



# Sweetspot

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



97802B



C4BC9B



972B42



635E4B



E3E3E3



636363



# Same Dimension

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



97802B



C4A01B



78972B



4D4B45



8C6E00



0D0A00



# Inverse Universe

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



2B4297



1B3FC4



4A2B97



45464D



001E8C

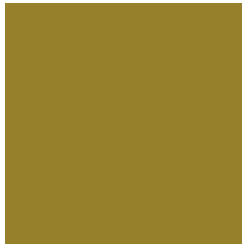


00030D



# Previews

## White Background



This preview shows how the Hex color 97802B 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 97802B Background



This preview shows how black text looks on a background with the Hex color 97802B.



This preview shows how white text looks on a background with the Hex color 97802B.

# 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**  
97802B

**Protanopia**  
91822C

**Deuteranopia**  
A27B2D



**Tritanopia**  
9E7881

# Trichromacy



**Original Color**  
97802B

**Protanomaly**  
93812C

**Deuteranomaly**  
9E7D2C

**Tritanomaly**  
9B7B62

# Monochromacy



**Original Color**  
97802B

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
867E5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97802B 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 #97802B looks like.

```
.text, #text, p{  
    color:#97802B  
}
```

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 #97802B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97802B
}
```

## Border

The CSS property to change the border of an element to Hex 97802B 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
#97802B }
```

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

```
.border{ border-color:#97802B }
```

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

Here you see how a box with a 4 pixel #97802B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97802B; -webkit-box-shadow:4px 4px  
4px 4px #97802B; box-shadow:4px 4px 4px  
4px #97802B }
```

# Background

The CSS property to change the background color of an element to Hex 97802B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97802B }
```

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

```
.background{ background-color:#97802B }
```

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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