

# Converting Colors

Hex(97711B)

Have a look what the booklet for  
Hex(97711B) contains.

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**Color**

**Hex(97711B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97711B
RGB	151, 113, 27
RGB Percent	59%, 44%, 11%
CMY	0.4078, 0.5569, 0.8941
CMYK	0.00, 0.25, 0.82, 0.41
HSL	42°, 70%, 35%
HSV	42°, 82%, 59%
XYZ	18.8655, 18.4687, 3.6074
YIQ	114.5580, 50.2540, -18.6900

# Conversions

## Conversions Part 2

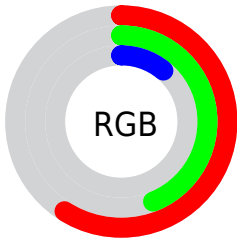
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 151, 27
Decimal	9924891
CIE <sub>Lab</sub>	50.06, 6.92, 49.66
CIE <sub>LCh</sub>	50, 50.141, 82.065
Yxy	18.4687, 0.4608, 0.4511
Android (android.graphics.Color)	4288114971 (0xFF97711B)
YUV	114.5580, -43.1661, 31.9596
Hunter-Lab	42.9752, 3.1521, 25.1058

# Details

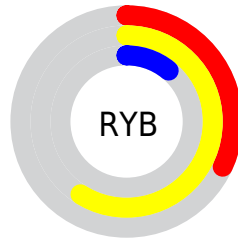
The Hex color **97711B** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1B4197**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **D1A54F**, and **604100** is the 20% darker color. If you saturate the color by 10%, you get **976C0C**, and if you desaturate by 10%, it is **97762A**.

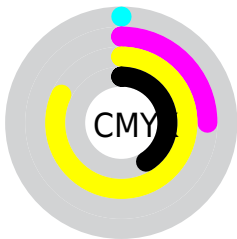
# Distribution



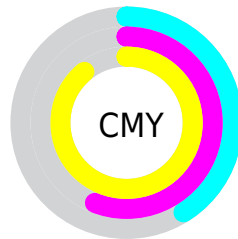
- Red (59%)
- Green (44%)
- Blue (11%)



- Red (32%)
- Yellow (59%)
- Blue (11%)



- Cyan (0%)
- Magenta (25%)
- Yellow (82%)
- Black (41%)



- Cyan (41%)
- Magenta (56%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97711B 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 97711B by changing the saturation by 10% instead.



 97711B

 97711B

FFFFFF

 7B5900

 D1A54F

 604100

 EFC069

 452C00

 FFDB83

 2B1700

 FFF89E

 110000

 FFFFB9

 000000

 FFFFD6

 FFFFF2

 97711B

 97711B

■ 976C0C

■ 97762A

■ 976900

■ 977A39

■ 977F48

■ 978457

■ 978867

■ 978D76

■ 979185

■ 979694

■ 979BA3

# Harmonies

## Analogous

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



B56034



97711B



6F7E20

# Triad

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



97711B



008B96



A05EAC

# Complementary

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



97711B



1B4197

# 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.



6371C6



97711B



0088BA

# Square

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



97711B



008B6A



007FCC



BE5084

# Rectangle

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



97711B



4E8434



007FCC



8F64B7



# Sweetspot

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



97711B



C4B593



971B42



635A46



E3E3E3



636363



# Same Dimension

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



97711B



C48902



80971B



4D4A45



8C6100



0D0900



# Inverse Universe

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



1B4197



023EC4



321B97



45474D



002B8C

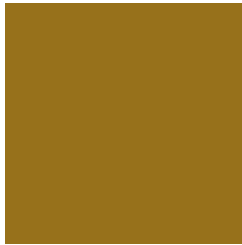


00040D



# Previews

## White Background



This preview shows how the Hex color 97711B looks on a white background.

## Color Contrast Check

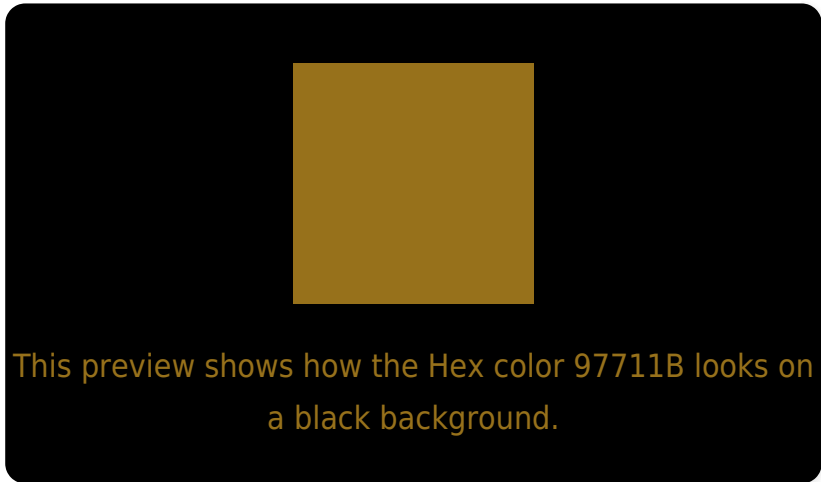
Large Text (above 18pt) WCAG AA ✓ Pass

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

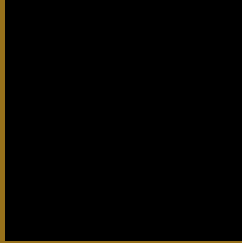
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 97711B Background



This preview shows how black text looks on a background with the Hex color 97711B.



This preview shows how white text looks on a background with the Hex color 97711B.

# 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**  
97711B

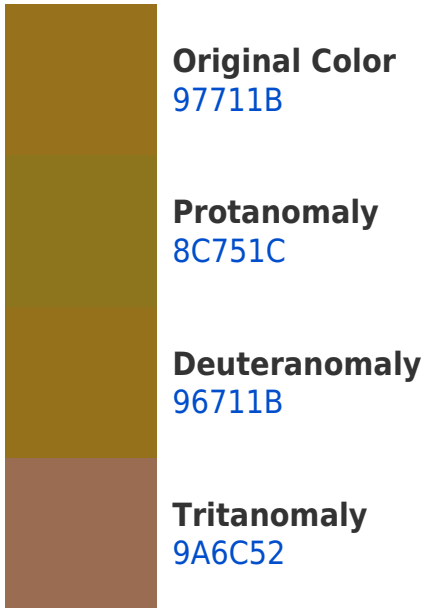
**Protanopia**  
86781D

**Deuteranopia**  
96711B

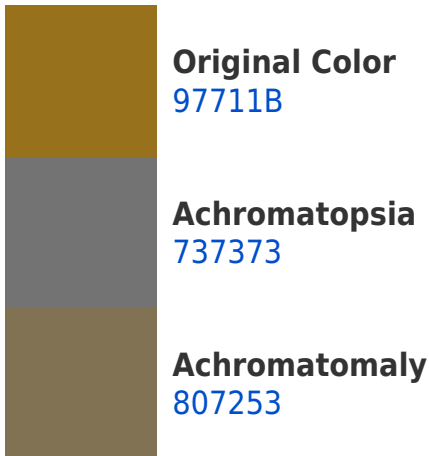


**Tritanopia**  
9C6971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97711B 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 #97711B looks like.

```
.text, #text, p{  
    color:#97711B  
}
```

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 #97711B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97711B
}
```

## Border

The CSS property to change the border of an element to Hex 97711B 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
#97711B }
```

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

```
.border{ border-color:#97711B }
```

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

Here you see how a box with a 4 pixel #97711B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97711B; -webkit-box-shadow:4px 4px  
4px 4px #97711B; box-shadow:4px 4px 4px  
4px #97711B }
```

# Background

The CSS property to change the background color of an element to Hex 97711B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97711B }
```

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

```
.background{ background-color:#97711B }
```

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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