

# Converting Colors

Hex(97900B)

Have a look what the booklet for  
Hex(97900B) contains.

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**Color**

**Hex(97900B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97900B
RGB	151, 144, 11
RGB Percent	59%, 56%, 4%
CMY	0.4078, 0.4353, 0.9569
CMYK	0.00, 0.05, 0.93, 0.41
HSL	57°, 86%, 32%
HSV	57°, 93%, 59%
XYZ	22.7962, 26.5500, 4.2398
YIQ	130.9310, 46.8650, -39.8790

# Conversions

## Conversions Part 2

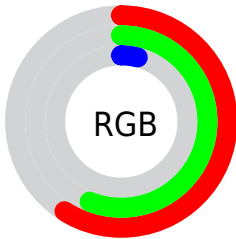
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 151, 11
Decimal	9932811
CIELab	58.56, -10.71, 60.76
CIELCh	59, 61.691, 99.993
Yxy	26.5500, 0.4254, 0.4955
Android (android.graphics.Color)	4288122891 (0xFF97900B)
YUV	130.9310, -59.1260, 17.6005
Hunter-Lab	51.5267, -11.2007, 31.1901

# Details

The Hex color **97900B** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **0B1297**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **D1C54B**, and **605E00** is the 20% darker color. If you saturate the color by 10%, you get **978F00**, and if you desaturate by 10%, it is **97911A**.

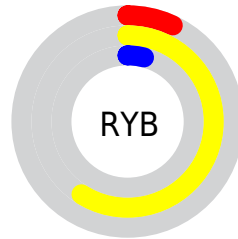
# Distribution



Red (59%)

Green (56%)

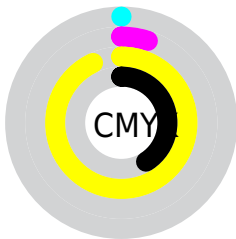
Blue (4%)



Red (7%)

Yellow (59%)

Blue (4%)

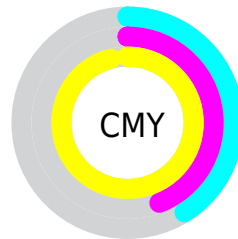


Cyan (0%)

Magenta (5%)

Yellow (93%)

Black (41%)



Cyan (41%)

Magenta (44%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97900B 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 97900B by changing the saturation by 10% instead.





97900B



97900B

FFFFFF



7B7700



D1C54B



605E00



EEE166



454700



FFFE81



2B3000



FFFF9C



121C00



FFFFB8



000000



FFFFD5



FFFFF2



97900B



97900B

■ 978F00

■ 97911A

■ 979229

■ 979238

■ 979347

■ 979456

■ 979566

■ 979575

■ 979684

■ 979793

# Harmonies

## Analogous

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



C57D1F



97900B



5C9D33

# Triad

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



97900B



00A4D1



DB5FB3

# Complementary

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



97900B



0B1297

# 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.



A676E0



97900B



009DF2

# Square

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



97900B



00A69E



348DF8



EE577D

# Rectangle

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



97900B



08A254



348DF8



CE66C4



# Sweetspot

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



97900B



C4C28D



970B12



636242



E3E3E3



636363



# Same Dimension

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



97900B



C4BB00



58970B



4D4C45



8C8500



0D0C00



# Inverse Universe

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



0B1297



000AC4



4A0B97



45454D



00078C



00010D



# Previews

## White Background



This preview shows how the Hex color 97900B looks on a white background.

## Color Contrast Check

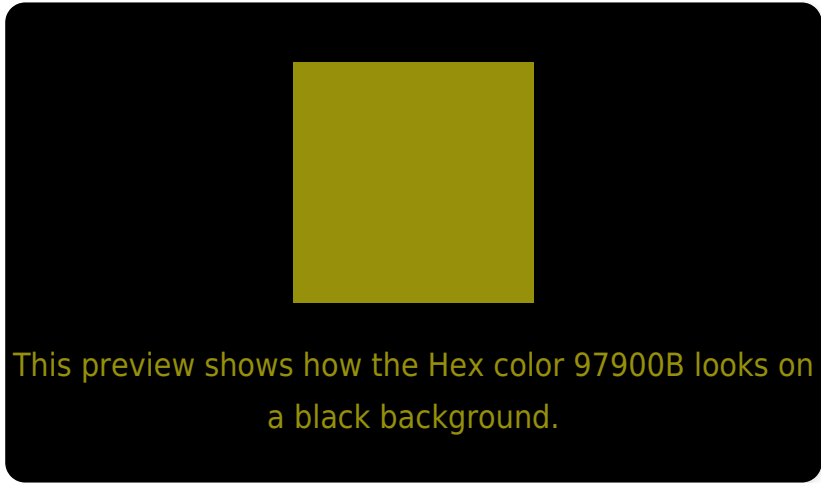
Large Text (above 18pt) WCAG AA ✓ Pass

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 97900B Background



This preview shows how black text looks on a background with the Hex color 97900B.



This preview shows how white text looks on a background with the Hex color 97900B.

# 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**  
97900B

**Protanopia**  
9F8D09

**Deuteranopia**  
B28617

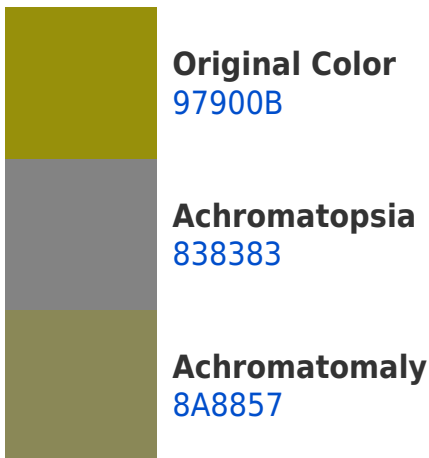


**Tritanopia**  
A08690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97900B 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 #97900B looks like.

```
.text, #text, p{  
    color:#97900B  
}
```

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 #97900B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97900B
}
```

## Border

The CSS property to change the border of an element to Hex 97900B 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
#97900B }
```

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

```
.border{ border-color:#97900B }
```

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

Here you see how a box with a 4 pixel #97900B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97900B; -webkit-box-shadow:4px 4px  
4px 4px #97900B; box-shadow:4px 4px 4px  
4px #97900B }
```

# Background

The CSS property to change the background color of an element to Hex 97900B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97900B }
```

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

```
.background{ background-color:#97900B }
```

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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