

# Converting Colors

Hex(97B70A)

Have a look what the booklet for  
Hex(97B70A) contains.

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**Color**

**Hex(97B70A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97B70A
RGB	151, 183, 10
RGB Percent	59%, 72%, 4%
CMY	0.4078, 0.2824, 0.9608
CMYK	0.17, 0.00, 0.95, 0.28
HSL	71°, 90%, 38%
HSV	71°, 95%, 72%
XYZ	29.7508, 40.4682, 6.5303
YIQ	153.7100, 36.4610, -60.5870

# Conversions

## Conversions Part 2

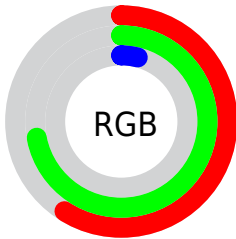
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 183, 42
Decimal	9942794
CIELab	69.80, -30.35, 69.65
CIELCh	70, 75.972, 113.544
Yxy	40.4682, 0.3876, 0.5273
Android (android.graphics.Color)	4288132874 (0xFF97B70A)
YUV	153.7100, -70.8490, -2.3767
Hunter-Lab	63.6146, -27.8461, 38.4439

# Details

The Hex color **97B70A** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **2A0AB7**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **D1EF52**, and **5F8200** is the 20% darker color. If you saturate the color by 10%, you get **95B700**, and if you desaturate by 10%, it is **9AB71C**.

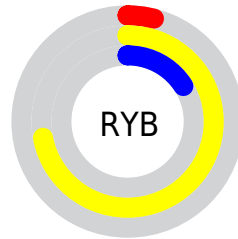
# Distribution



Red (59%)

Green (72%)

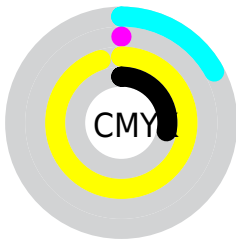
Blue (4%)



Red (4%)

Yellow (72%)

Blue (16%)

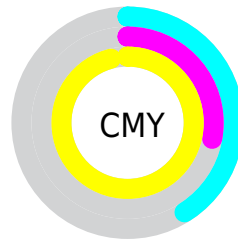


Cyan (17%)

Magenta (0%)

Yellow (95%)

Black (28%)



Cyan (41%)

Magenta (28%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97B70A 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 97B70A by changing the saturation by 10% instead.



 97B70A

 97B70A

FFFFFF

 7B9C00

 D1EF52

 5F8200

 EFFF6E

 446900

 FFFF8A

 275000

 FFFFA7

 063900

 FFFFC4

 002400

 FFFF E1

 000000

FFFFFFE

 97B70A

 97B70A

 95B700

 9AB71C

 9EB72F

 A1B741

 A5B753

 A8B766

 ABB778

 AFB78A

 B2B79C

 B5B7AF

# Harmonies

## Analogous

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



D8A200



97B70A



30C353

# Triad

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



97B70A



00C5FF



FF65BD

# Complementary

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



97B70A



2A0AB7

# 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.



EF7EFE



97B70A



00B7FF

# Square

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



97B70A



00CAE0



8B9FFF



FF6A78

# Rectangle

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



97B70A



00C881



8B9FFF



FF6BD3



# Sweetspot

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



97B70A



E1EDAB



B72A0A



70784F



F7F7F7



787878



# Same Dimension

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



97B70A



C1ED00



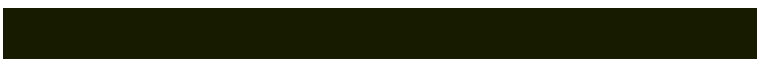
41B70A



5A5C53



7F9C00



171C00



# Inverse Universe

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



2A0AB7



2C00ED



800AB7



54535C



1D009C



05001C



# Previews

## White Background



This preview shows how the Hex color 97B70A looks on a white background.

## Color Contrast Check

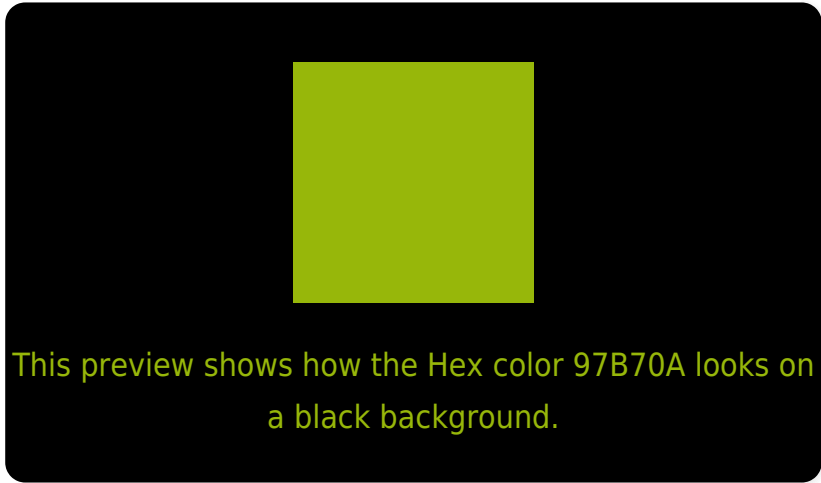
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex 97B70A Background



This preview shows how black text looks on a background with the Hex color 97B70A.

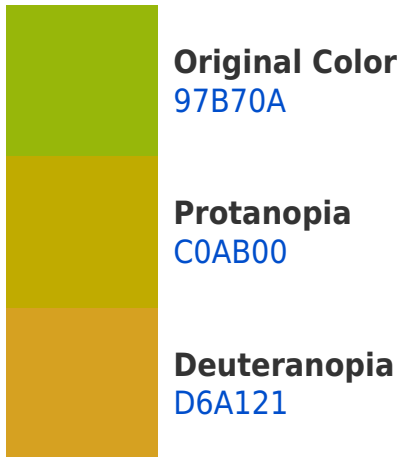


This preview shows how white text looks on a background with the Hex color 97B70A.

# 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](#).

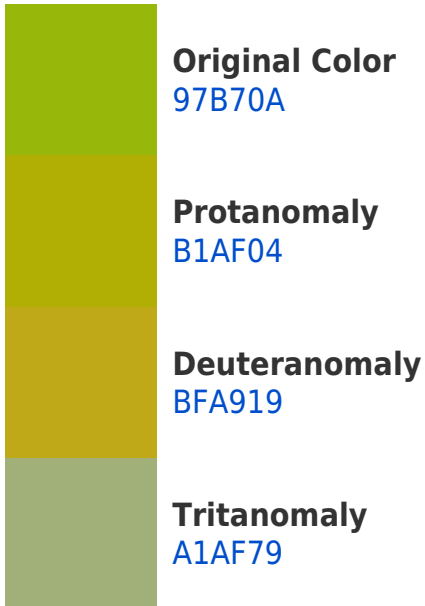
## Dichromacy





**Tritanopia**  
A6AAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97B70A 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 #97B70A looks like.

```
.text, #text, p{  
    color:#97B70A  
}
```

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 #97B70A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97B70A
}
```

## Border

The CSS property to change the border of an element to Hex 97B70A 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
#97B70A }
```

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

```
.border{ border-color:#97B70A }
```

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

Here you see how a box with a 4 pixel #97B70A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97B70A; -webkit-box-shadow:4px 4px  
4px 4px #97B70A; box-shadow:4px 4px 4px  
4px #97B70A }
```

# Background

The CSS property to change the background color of an element to Hex 97B70A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97B70A }
```

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

```
.background{ background-color:#97B70A }
```

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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