

# Converting Colors

Hex(97AB3B)

Have a look what the booklet for  
Hex(97AB3B) contains.

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**Color**

**Hex(97AB3B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97AB3B
RGB	151, 171, 59
RGB Percent	59%, 67%, 23%
CMY	0.4078, 0.3294, 0.7686
CMYK	0.12, 0.00, 0.65, 0.33
HSL	71°, 49%, 45%
HSV	71°, 65%, 67%
XYZ	28.1148, 36.0209, 9.6086
YIQ	152.2520, 24.0320, -39.0720

# Conversions

## Conversions Part 2

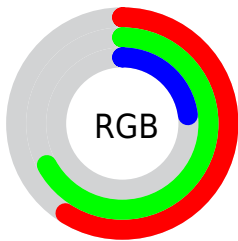
Format	Color
<a href="#">RYB</a>	<a href="#">59, 171, 79</a>
Decimal	<a href="#">9939771</a>
CIELab	<a href="#">66.54, -22.61, 53.26</a>
CIELCh	<a href="#">67, 57.862, 113.003</a>
Yxy	<a href="#">36.0209, 0.3812, 0.4885</a>
Android (android.graphics.Color)	<a href="#">4288129851 (0xFF97AB3B)</a>
YUV	<a href="#">152.2520, -45.9732, -1.0980</a>
Hunter-Lab	<a href="#">60.0174, -21.4131, 32.5201</a>

# Details

The Hex color **97AB3B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4F3BAB**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **D0E270**, and **617700** is the 20% darker color. If you saturate the color by 10%, you get **94AB2A**, and if you desaturate by 10%, it is **9AAB4C**.

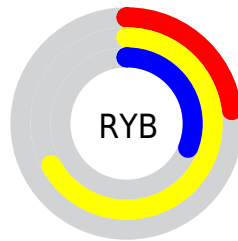
# Distribution



Red (59%)

Green (67%)

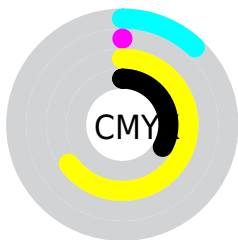
Blue (23%)



Red (23%)

Yellow (67%)

Blue (31%)

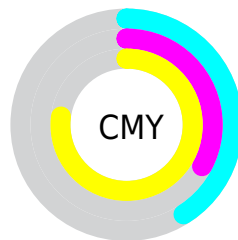


Cyan (12%)

Magenta (0%)

Yellow (65%)

Black (33%)



Cyan (41%)

Magenta (33%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97AB3B 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 97AB3B by changing the saturation by 10% instead.





97AB3B



97AB3B

FFFFFF



7C901F



D0E270



617700



EDFF8B



475E00



FFFFA6



2D4600



FFFFC2



123000



FFFFDF



001D00



FFFFFC



000000



97AB3B



97AB3B



94AB2A



9AAB4C

 91AB19

 9DAB5D

 8EAB08

 A0AB6E

 8CAB00

 A3AB7F

 A6AB90

 A9ABA2

 ACABB3

 AFABC4

 B2ABD5

# Harmonies

## Analogous

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



C99B34



97AB3B



56B560

# Triad

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



97AB3B



00B6F4



FA74B0

# Complementary

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



97AB3B



4F3BAB

# 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.



D683E1



97AB3B



00ABFF

# Square

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



97AB3B



00BBC9



8F99FF



FF767C

# Rectangle

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



97AB3B



00B982



8F99FF



F278C2



# Sweetspot

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



97AB3B



D6DEB1



AB4E3B



6B7055



F0F0F0



707070



# Same Dimension

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



97AB3B



BFDE2F



60AB3B



55574E



7C9600



131700



# Inverse Universe

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



4F3BAB



4E2FDE



863BAB



504E57



1B0096



040017



# Previews

## White Background



This preview shows how the Hex color 97AB3B 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



This preview shows how the Hex color 97AB3B looks on a 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 97AB3B Background



This preview shows how black text looks on a background with the Hex color 97AB3B.



This preview shows how white text looks on a background with the Hex color 97AB3B.

# 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**  
97AB3B

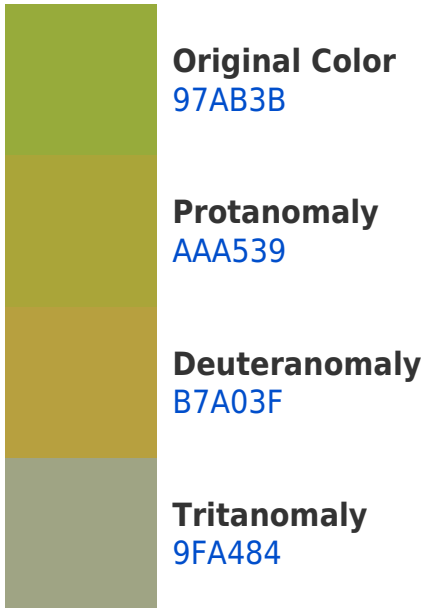
**Protanopia**  
B5A238

**Deuteranopia**  
C99A41

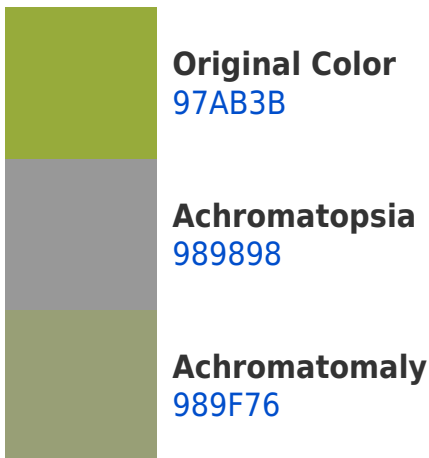


**Tritanopia**  
A3A0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97AB3B 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 #97AB3B looks like.

```
.text, #text, p{  
    color:#97AB3B  
}
```

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 #97AB3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97AB3B
}
```

## Border

The CSS property to change the border of an element to Hex 97AB3B 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
#97AB3B }
```

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

```
.border{ border-color:#97AB3B }
```

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

Here you see how a box with a 4 pixel #97AB3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97AB3B; -webkit-box-shadow:4px 4px  
4px 4px #97AB3B; box-shadow:4px 4px 4px  
4px #97AB3B }
```

# Background

The CSS property to change the background color of an element to Hex 97AB3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97AB3B }
```

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

```
.background{ background-color:#97AB3B }
```

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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