

# Converting Colors

Hex(97AD49)

Have a look what the booklet for  
Hex(97AD49) contains.

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**Color**

**Hex(97AD49)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97AD49
RGB	151, 173, 73
RGB Percent	59%, 68%, 29%
CMY	0.4078, 0.3216, 0.7137
CMYK	0.13, 0.00, 0.58, 0.32
HSL	73°, 41%, 48%
HSV	73°, 58%, 68%
XYZ	28.9087, 36.9475, 11.9113
YIQ	155.0220, 18.9880, -35.7640

# Conversions

## Conversions Part 2

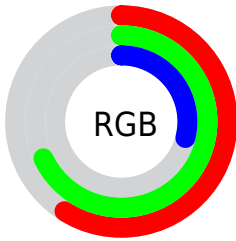
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">73, 173, 95</a>
Decimal	<a href="#">9940297</a>
CIELab	<a href="#">67.24, -22.53, 47.86</a>
CIELCh	<a href="#">67, 52.898, 115.208</a>
Yxy	<a href="#">36.9475, 0.3717, 0.4751</a>
Android (android.graphics.Color)	<a href="#">4288130377 (0xFF97AD49)</a>
YUV	<a href="#">155.0220, -40.4368, -3.5273</a>
Hunter-Lab	<a href="#">60.7844, -21.4794, 30.9307</a>

# Details

The Hex color **97AD49** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5F49AD**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **CFE47D**, and **617913** is the 20% darker color. If you saturate the color by 10%, you get **93AD38**, and if you desaturate by 10%, it is **9BAD5A**.

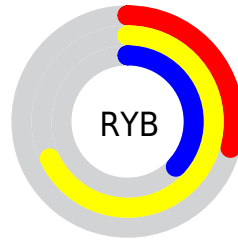
# Distribution



Red (59%)

Green (68%)

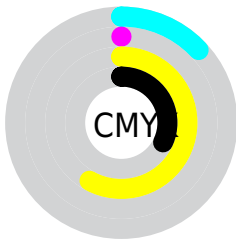
Blue (29%)



Red (29%)

Yellow (68%)

Blue (37%)

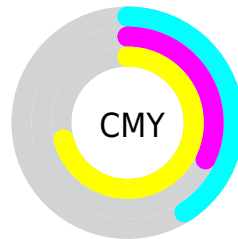


Cyan (13%)

Magenta (0%)

Yellow (58%)

Black (32%)



Cyan (41%)

Magenta (32%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97AD49 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 97AD49 by changing the saturation by 10% instead.



 97AD49

 97AD49

FFFFFF

 7C922F

 CFE47D

 617913

 ECFF98

 486000

 FFFFB3

 2F4800

 FFFFCE

 143100

 FFFFEC

 001E00

 000000

 97AD49

 97AD49

 93AD38

 9BAD5A

 8FAD26

 9FAD6C

 8CAD15

 A2AD7D

 88AD04

 A6AD8E

 87AD00

 AAADA0

 AEADB1

 B2ADC2

 B5ADD3

 B9ADE5

# Harmonies

## Analogous

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



C69F41



97AD49



5CB66B

# Triad

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



97AD49



00B6F1



F77BAD

# Complementary

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



97AD49



5F49AD

# 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.



D787DB



97AD49



22ABFF

# Square

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



97AD49



00BBCB



9A9AFA



FB7E7E

# Rectangle

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



97AD49



01BA8A



9A9AFA



EF7EBD



# Sweetspot

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



97AD49



D8E0BA



AD5F49



6B705A



F0F0F0



707070



# Same Dimension

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



97AD49



BEE046



65AD49



55574E



759600



121700



# Inverse Universe

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



5F49AD



6846E0



9149AD



504E57



210096



050017



# Previews

## White Background



This preview shows how the Hex color 97AD49 looks on a white background.

## Color Contrast Check

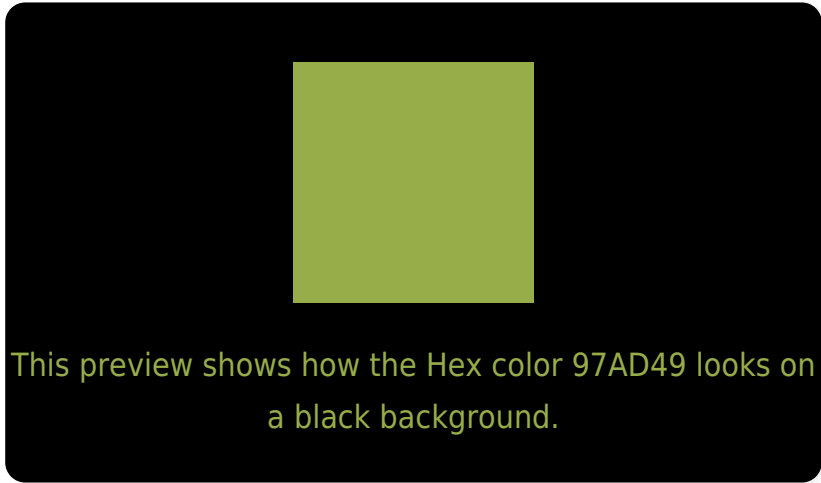
Large Text (above 18pt) WCAG AA × Fail

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 97AD49 Background



This preview shows how black text looks on a background with the Hex color 97AD49.

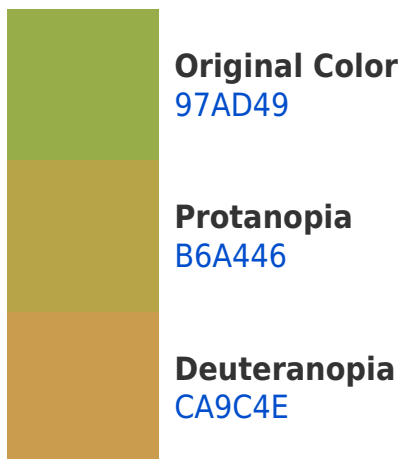


This preview shows how white text looks on a background with the Hex color 97AD49.

# 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](#).

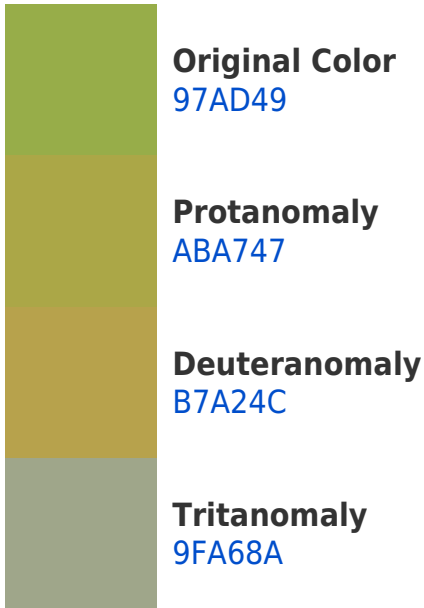
## Dichromacy



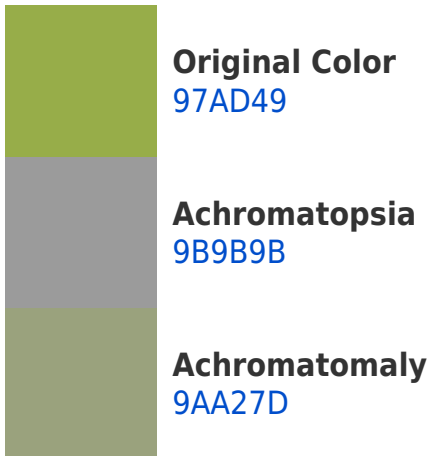


**Tritanopia**  
A3A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97AD49 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 #97AD49 looks like.

```
.text, #text, p{  
    color:#97AD49  
}
```

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 #97AD49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97AD49
}
```

## Border

The CSS property to change the border of an element to Hex 97AD49 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
#97AD49 }
```

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

```
.border{ border-color:#97AD49 }
```

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

Here you see how a box with a 4 pixel #97AD49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97AD49; -webkit-box-shadow:4px 4px  
4px 4px #97AD49; box-shadow:4px 4px 4px  
4px #97AD49 }
```

# Background

The CSS property to change the background color of an element to Hex 97AD49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97AD49 }
```

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

```
.background{ background-color:#97AD49 }
```

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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