

# Converting Colors

Hex(97AE61)

Have a look what the booklet for  
Hex(97AE61) contains.

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**Color**

**Hex(97AE61)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97AE61
RGB	151, 174, 97
RGB Percent	59%, 68%, 38%
CMY	0.4078, 0.3176, 0.6196
CMYK	0.13, 0.00, 0.44, 0.32
HSL	78°, 32%, 53%
HSV	78°, 44%, 68%
XYZ	30.0562, 37.7145, 17.0048
YIQ	158.3450, 11.0090, -28.8230

# Conversions

## Conversions Part 2

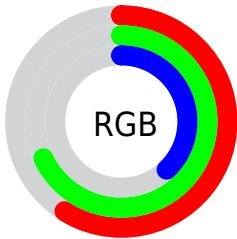
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 174, 120
Decimal	9940577
CIELab	67.81, -20.60, 36.80
CIELCh	68, 42.171, 119.247
Yxy	37.7145, 0.3545, 0.4449
Android (android.graphics.Color)	4288130657 (0xFF97AE61)
YUV	158.3450, -30.2431, -6.4416
Hunter-Lab	61.4121, -20.1100, 26.5713

# Details

The Hex color **97AE61** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7861AE**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **CEE695**, and **627A30** is the 20% darker color. If you saturate the color by 10%, you get **92AE50**, and if you desaturate by 10%, it is **9CAE72**.

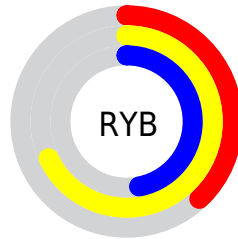
# Distribution



Red (59%)

Green (68%)

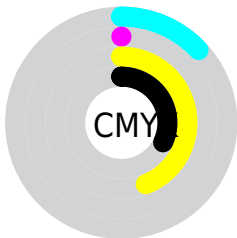
Blue (38%)



Red (38%)

Yellow (68%)

Blue (47%)

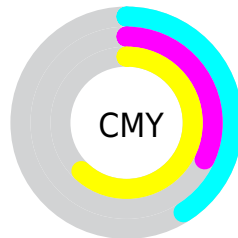


Cyan (13%)

Magenta (0%)

Yellow (44%)

Black (32%)



Cyan (41%)

Magenta (32%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97AE61 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 97AE61 by changing the saturation by 10% instead.





97AE61



97AE61

FFFFFF



7C9348



CEE695



627A30



EBFFB0



496118



FFFCC



314900



FFFFEE



1A3200



001E00



000000



97AE61



97AE61



92AE50



9CAE72

8DAE3E

A1AE84

87AE2D

A7AE95

82AE1B

ACAEA7

7DAE0A

B1AEB8

7AAE00

B6AEC9

BBAEDB

C1AEEC

C6AEFE

# Harmonies

## Analogous

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



BEA358



97AE61



69B67D

# Triad

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



97AE61



00B3E6



EB87A8

# Complementary

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



97AE61



7861AE

# 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.



D48ECD



97AE61



67A9F1

# Square

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



97AE61



00B8C9



A79CE8



ED8A82

# Rectangle

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



97AE61



41B896



A79CE8



E688B5



# Sweetspot

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



97AE61



DAE3C5



AE7761



6D7360



F2F2F2



737373



# Same Dimension

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



97AE61



BFE36B



72AE61



54574E



6A9600



101700



# Inverse Universe

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



7861AE



8F6BE3



9D61AE



514E57



2D0096



070017



# Previews

## White Background



This preview shows how the Hex color 97AE61 looks on a white background.

## Color Contrast Check

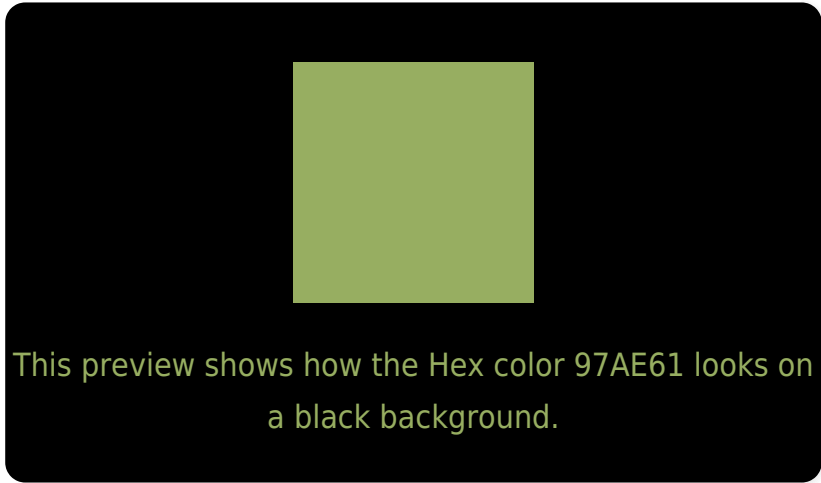
Large Text (above 18pt) WCAG AA × Fail

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

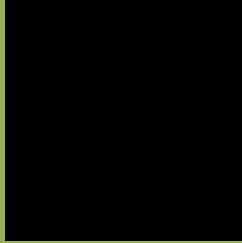
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 97AE61 Background



This preview shows how black text looks on a background with the Hex color 97AE61.

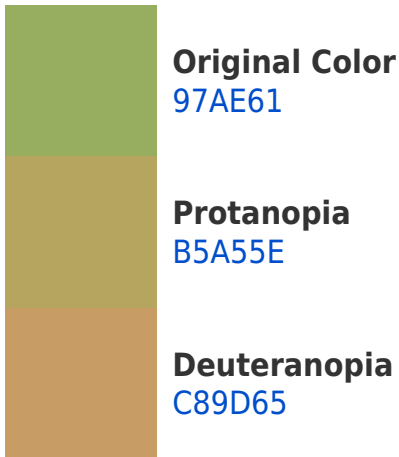


This preview shows how white text looks on a background with the Hex color 97AE61.

# 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](#).

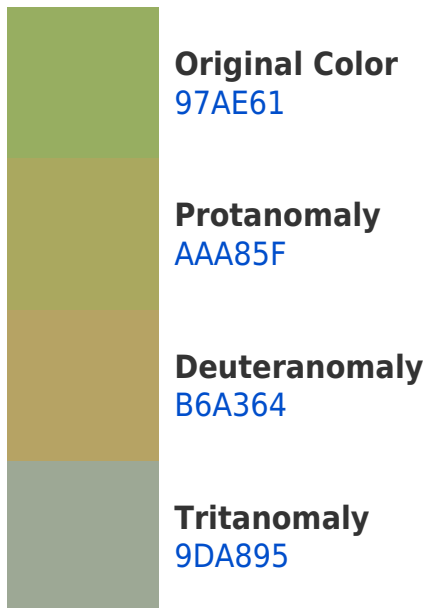
## Dichromacy





**Tritanopia**  
A1A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97AE61 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 #97AE61 looks like.

```
.text, #text, p{  
    color:#97AE61  
}
```

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 #97AE61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97AE61
}
```

## Border

The CSS property to change the border of an element to Hex 97AE61 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
#97AE61 }
```

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

```
.border{ border-color:#97AE61 }
```

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

Here you see how a box with a 4 pixel #97AE61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97AE61; -webkit-box-shadow:4px 4px  
4px 4px #97AE61; box-shadow:4px 4px 4px  
4px #97AE61 }
```

# Background

The CSS property to change the background color of an element to Hex 97AE61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97AE61 }
```

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

```
.background{ background-color:#97AE61 }
```

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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