

# Converting Colors

Hex(97BA6A)

Have a look what the booklet for  
Hex(97BA6A) contains.

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# **Color**

**Hex(97BA6A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97BA6A
RGB	151, 186, 106
RGB Percent	59%, 73%, 42%
CMY	0.4078, 0.2706, 0.5843
CMYK	0.19, 0.00, 0.43, 0.27
HSL	86°, 37%, 57%
HSV	86°, 43%, 73%
XYZ	32.9229, 42.7377, 20.1497
YIQ	166.4150, 4.8200, -32.3000

# Conversions

## Conversions Part 2

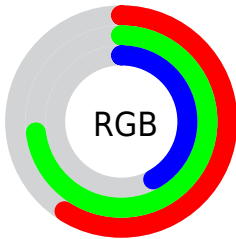
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 186, 141
Decimal	9943658
CIELab	71.38, -25.48, 36.68
CIELCh	71, 44.657, 124.783
Yxy	42.7377, 0.3436, 0.4461
Android (android.graphics.Color)	4288133738 (0xFF97BA6A)
YUV	166.4150, -29.7846, -13.5190
Hunter-Lab	65.3741, -24.5106, 27.4875

# Details

The Hex color **97BA6A** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **8D6ABA**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **CEF29F**, and **628538** is the 20% darker color. If you saturate the color by 10%, you get **8FBA57**, and if you desaturate by 10%, it is **9FBA7D**.

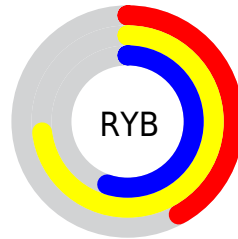
# Distribution



Red (59%)

Green (73%)

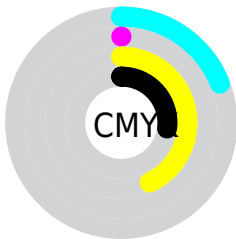
Blue (42%)



Red (42%)

Yellow (73%)

Blue (55%)

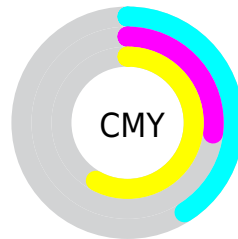


Cyan (19%)

Magenta (0%)

Yellow (43%)

Black (27%)



Cyan (41%)

Magenta (27%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97BA6A 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 97BA6A by changing the saturation by 10% instead.



 97BA6A

 97BA6A

FFFFFF

 7C9F51

 CEF29F

 628538

 EBFFBA

 496B20

 FFFFD6

 305305

 FFFFF3

 193B00

 002600

 000900

 000000

 97BA6A

 97BA6A

 8FBA57

 9FBA7D

 87BA45

 A7BA8F

 7FBA32

 AFBAA2

 76BA20

 B8BAB4

 6EBA0D

 C0BAC7

 69BA00

 C8BADA

 D0BAEC

 D8BAFF

 E0BAFF

# Harmonies

## Analogous

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



C2AF5C



97BA6A



63C18B

# Triad

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



97BA6A



00BCF8



FB8EAA

# Complementary

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



97BA6A



8D6ABA

# Split Complementary

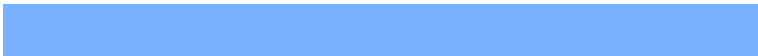
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E794D2



97BA6A



7AB1FF

# Square

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



97BA6A



00C3DC



BBA2F2



F99382

# Rectangle

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



97BA6A



32C4A6



BBA2F2



F78EB8



# Sweetspot

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



97BA6A



E4F2D3



BA8D6A



727A67



FAFAFA



7A7A7A



# Same Dimension

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



97BA6A



BBF274



6FBA6A



585C53



579C00



101C00



# Inverse Universe

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



8D6ABA



AB74F2



B56ABA



57535C



44009C



0C001C



# Previews

## White Background



This preview shows how the Hex color 97BA6A looks on a white background.

## Color Contrast Check

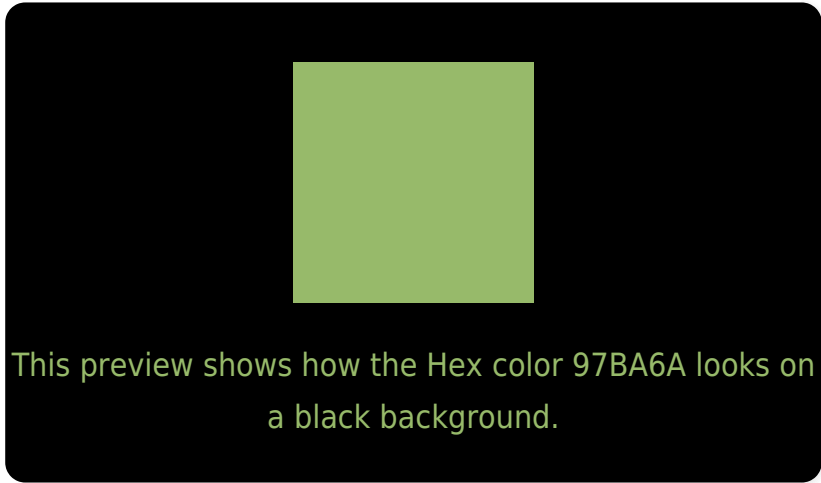
Large Text (above 18pt) WCAG AA × Fail

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 97BA6A Background



This preview shows how black text looks on a background with the Hex color 97BA6A.

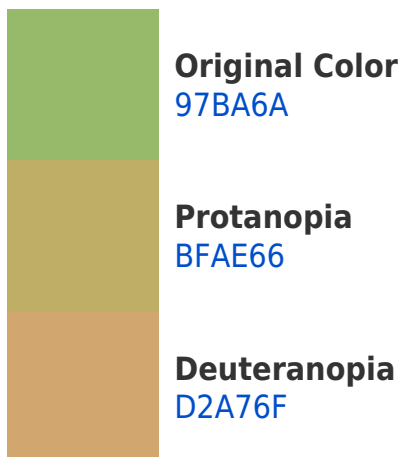


This preview shows how white text looks on a background with the Hex color 97BA6A.

# Color Blindness Simulation

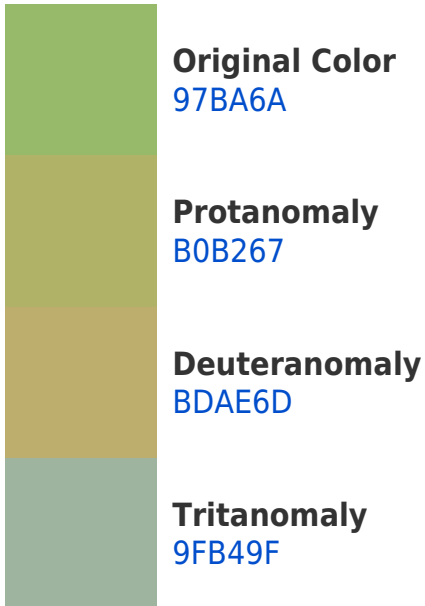
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

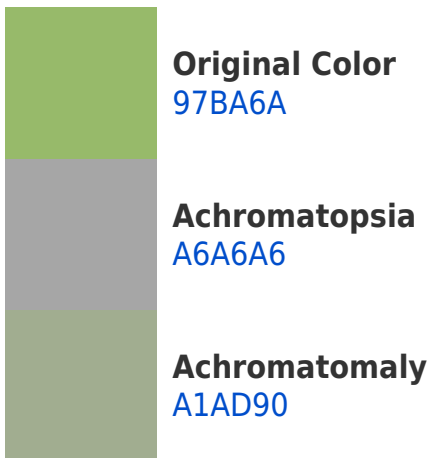




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97BA6A 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 #97BA6A looks like.

```
.text, #text, p{  
    color:#97BA6A  
}
```

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 #97BA6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97BA6A
}
```

## Border

The CSS property to change the border of an element to Hex 97BA6A 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
#97BA6A }
```

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

```
.border{ border-color:#97BA6A }
```

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

Here you see how a box with a 4 pixel #97BA6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97BA6A; -webkit-box-shadow:4px 4px  
4px 4px #97BA6A; box-shadow:4px 4px 4px  
4px #97BA6A }
```

# Background

The CSS property to change the background color of an element to Hex 97BA6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97BA6A }
```

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

```
.background{ background-color:#97BA6A }
```

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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