

# Converting Colors

Hex(97C696)

Have a look what the booklet for  
Hex(97C696) contains.

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**Color**

**Hex(97C696)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 97C696                       |
| RGB         | 151, 198, 150                |
| RGB Percent | 59%, 78%, 59%                |
| CMY         | 0.4078, 0.2235, 0.4118       |
| CMYK        | 0.24, 0.00, 0.24, 0.22       |
| HSL         | 119°, 30%, 68%               |
| HSV         | 119°, 24%, 78%               |
| XYZ         | 38.4616, 49.1695, 36.3177    |
| YIQ         | 178.4750, -12.6040, -24.8920 |

# Conversions

## Conversions Part 2

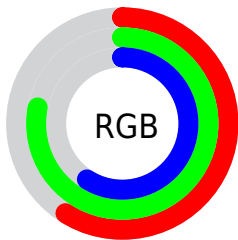
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 150, 198, 197                   |
| Decimal                             | 9946774                         |
| CIELab                              | 75.56, -24.81, 19.15            |
| CIELCh                              | 76, 31.346, 142.334             |
| Yxy                                 | 49.1695, 0.3103,<br>0.3967      |
| Android<br>(android.graphics.Color) | 4288136854<br>(0xFF97C696)      |
| YUV                                 | 178.4750, -14.0382,<br>-24.0956 |
| Hunter-Lab                          | 70.1210, -24.8038,<br>18.3767   |

# Details

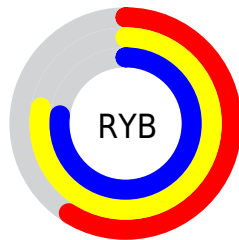
The Hex color **97C696** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C596C6**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **CEFFCC**, and **639063** is the 20% darker color. If you saturate the color by 10%, you get **84C682**, and if you desaturate by 10%, it is **AAC6AA**.

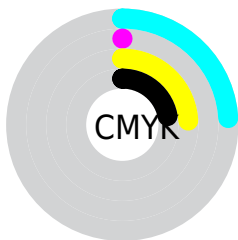
# Distribution



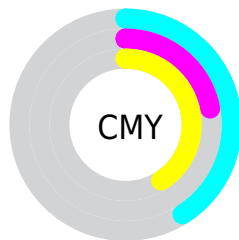
- Red (59%)
- Green (78%)
- Blue (59%)



- Red (59%)
- Yellow (78%)
- Blue (77%)



- Cyan (24%)
- Magenta (0%)
- Yellow (24%)
- Black (22%)



- Cyan (41%)
- Magenta (22%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97C696 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 97C696 by changing the saturation by 10% instead.



 97C696

 97C696

FFFFFF

 7DAB7C

 CEFFCC


 639063

 EAF FE9

 4A764B

 325D34

 1A451E

 012E07

 001C00

 000000

 97C696

 97C696

 84C682

 AAC6AA

 70C66E

 BEC6BE

 5DC65B

 D1C6D1

 49C647

 E5C6E5

 36C633

 F8C6F9

 23C61F

 FFC6FF

 0FC60B

 04C600

# Harmonies

## Analogous

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



B8BF84



97C696



76CAB1

# Triad

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



97C696



8ABFF3



F4A6A6

# Complementary

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



97C696



C596C6

# 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.



EEA5C3



97C696



B4B5EF

# Square

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



97C696



67C6E7



D8ACDE



EBAC8E

# Rectangle

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



97C696



65CAC5



D8ACDE



F4A5AF



# Sweetspot

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



97C696



EEFFED



C6C496



768075



000000



808080

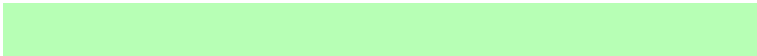


# Same Dimension

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



97C696



B7FFB5



96C6AC



5A635A



03A300



012400



# Inverse Universe

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



C596C6



FDB5FF



C696B0



635A63



A000A3

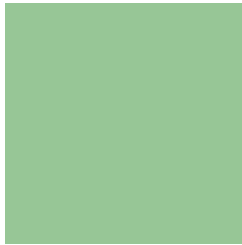


230024



# Previews

## White Background



This preview shows how the Hex color 97C696 looks on a white background.

## Color Contrast Check

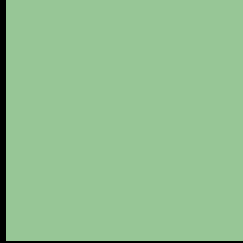
Large Text (above 18pt) WCAG AA × Fail

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 97C696 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

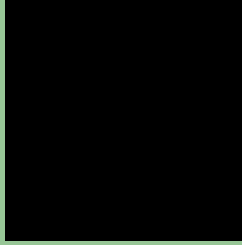
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 97C696 Background



This preview shows how black text looks on a background with the Hex color 97C696.

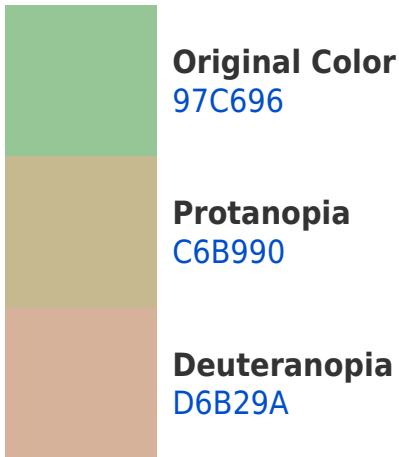


This preview shows how white text looks on a background with the Hex color 97C696.

# 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



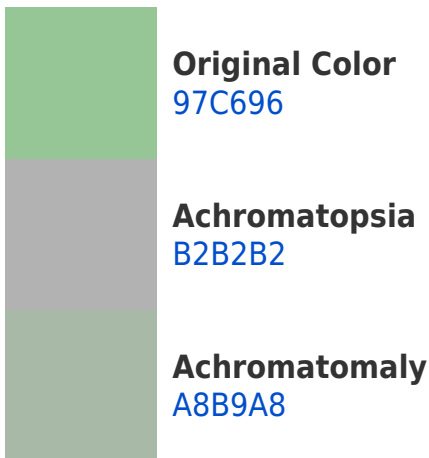


**Tritanopia**  
A1BFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97C696 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 #97C696 looks like.

```
.text, #text, p{  
    color:#97C696  
}
```

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 #97C696 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97C696
}
```

## Border

The CSS property to change the border of an element to Hex 97C696 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
#97C696 }
```

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

```
.border{ border-color:#97C696 }
```

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

Here you see how a box with a 4 pixel #97C696 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97C696; -webkit-box-shadow:4px 4px  
4px 4px #97C696; box-shadow:4px 4px 4px  
4px #97C696 }
```

# Background

The CSS property to change the background color of an element to Hex 97C696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97C696 }
```

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

```
.background{ background-color:#97C696 }
```

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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