

# Converting Colors

Hex(98C880)

Have a look what the booklet for  
Hex(98C880) contains.

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**Color**

**Hex(98C880)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 98C880                      |
| RGB         | 152, 200, 128               |
| RGB Percent | 60%, 78%, 50%               |
| CMY         | 0.4039, 0.2157, 0.4980      |
| CMYK        | 0.24, 0.00, 0.36, 0.22      |
| HSL         | 100°, 40%, 64%              |
| HSV         | 100°, 36%, 78%              |
| XYZ         | 37.4995, 49.5425, 28.0083   |
| YIQ         | 177.4400, -5.4960, -32.5680 |

# Conversions

## Conversions Part 2

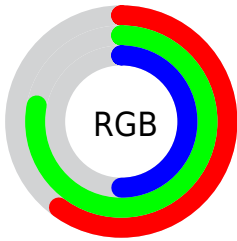
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 128, 200, 176                   |
| Decimal                             | 10012800                        |
| CIELab                              | 75.79, -28.92, 31.06            |
| CIELCh                              | 76, 42.437, 132.956             |
| Yxy                                 | 49.5425, 0.3259,<br>0.4306      |
| Android<br>(android.graphics.Color) | 4288202880<br>(0xFF98C880)      |
| YUV                                 | 177.4400, -24.3739,<br>-22.3109 |
| Hunter-Lab                          | 70.3864, -28.0776,<br>25.6777   |

# Details

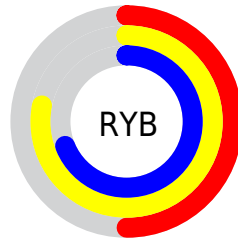
The Hex color **98C880** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B080C8**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **CFFFB5**, and **63924E** is the 20% darker color. If you saturate the color by 10%, you get **8BC86C**, and if you desaturate by 10%, it is **A5C894**.

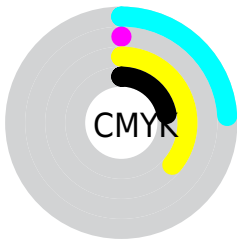
# Distribution



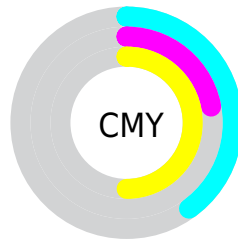
- Red (60%)
- Green (78%)
- Blue (50%)



- Red (50%)
- Yellow (78%)
- Blue (69%)



- Cyan (24%)
- Magenta (0%)
- Yellow (36%)
- Black (22%)



- Cyan (40%)
- Magenta (22%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98C880 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 98C880 by changing the saturation by 10% instead.



 98C880

 98C880

FFFFFF

 7DAD66

 CFFFB5

 63924E

 ECFFD1

 4A7836

 FFFFEE

 315F1F

 174706

 003000

 001D00

 000000

 98C880

 98C880

 8BC86C

 A5C894

 7DC858

 B3C8A8

 70C844

 C0C8BC

 63C830

 CDC8D0

 55C81C

 DBC8E4

 48C808

 E8C8F8

 43C800

 F5C8FF

 FFC8FF

# Harmonies

## Analogous

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



C3BE6D



98C880



65CEA3

# Triad

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



98C880



55C5FF



FF9CAB

# Complementary

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



98C880



B080C8

# 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.



F99FD3



98C880



9DB9FF

# Square

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



98C880



00CDEF



D5AAF4



FFA487

# Rectangle

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



98C880



3BD0BD



D5AAF4



FF9CB8



# Sweetspot

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



98C880



ECFFE3



C8B080



74806F



000000



808080

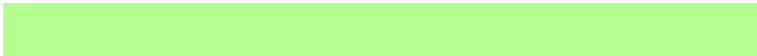


# Same Dimension

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



98C880



B6FF91



80C88C



5D635A



36A300



0C2400



# Inverse Universe

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



B080C8



DA91FF



C880BC



605A63



6D00A3



180024



# Previews

## White Background



This preview shows how the Hex color 98C880 looks on a white background.

## Color Contrast Check

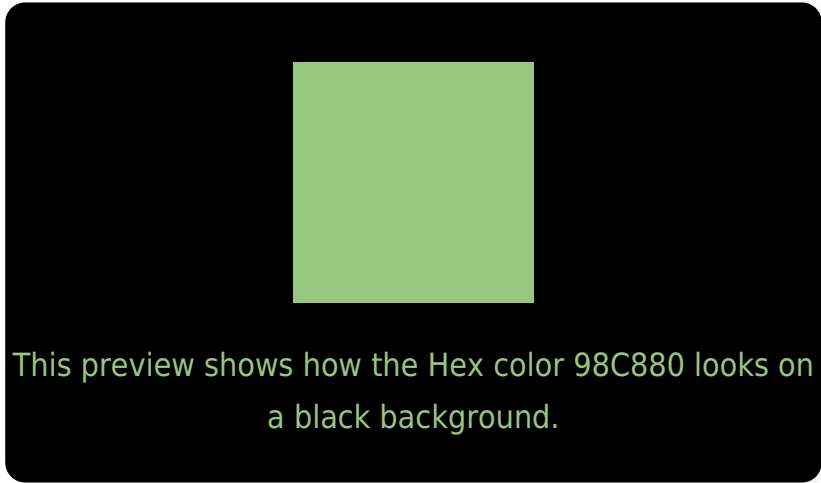
Large Text (above 18pt) WCAG AA × Fail

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

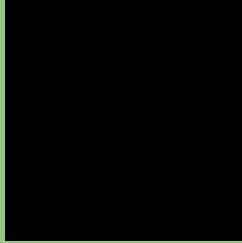
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 98C880 Background



This preview shows how black text looks on a background with the Hex color 98C880.

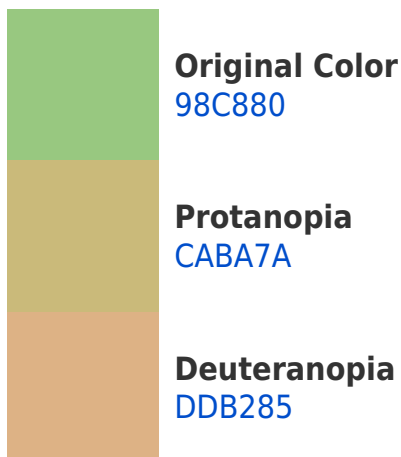


This preview shows how white text looks on a background with the Hex color 98C880.

# 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



**Original Color**  
98C880



**Protanomaly**  
B8BF7C



**Deuteranomaly**  
C4BA83

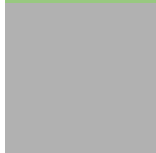


**Tritanomaly**  
A0C2B2

# Monochromacy



**Original Color**  
98C880



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
A8B99F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98C880 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 #98C880 looks like.

```
.text, #text, p{  
    color:#98C880  
}
```

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 #98C880 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98C880
}
```

## Border

The CSS property to change the border of an element to Hex 98C880 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
#98C880 }
```

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

```
.border{ border-color:#98C880 }
```

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

Here you see how a box with a 4 pixel #98C880 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98C880; -webkit-box-shadow:4px 4px  
4px 4px #98C880; box-shadow:4px 4px 4px  
4px #98C880 }
```

# Background

The CSS property to change the background color of an element to Hex 98C880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98C880 }
```

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

```
.background{ background-color:#98C880 }
```

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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