

# Converting Colors

Hex(98B496)

Have a look what the booklet for  
Hex(98B496) contains.

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# **Color**

**Hex(98B496)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	98B496
RGB	152, 180, 150
RGB Percent	60%, 71%, 59%
CMY	0.4039, 0.2941, 0.4118
CMYK	0.16, 0.00, 0.17, 0.29
HSL	116°, 17%, 65%
HSV	116°, 17%, 71%
XYZ	34.7752, 41.5199, 35.0355
YIQ	168.2080, -7.0580, -15.2660

# Conversions

## Conversions Part 2

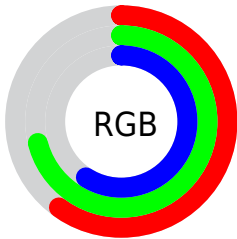
Format	Color
<a href="#">RYB</a>	<a href="#">150, 180, 178</a>
Decimal	<a href="#">10007702</a>
CIELab	<a href="#">70.54, -15.40, 12.15</a>
CIELCh	<a href="#">71, 19.617, 141.714</a>
Yxy	<a href="#">41.5199, 0.3124, 0.3729</a>
Android (android.graphics.Color)	<a href="#">4288197782</a> ( <a href="#">0xFF98B496</a> )
YUV	<a href="#">168.2080, -8.9765, -14.2144</a>
Hunter-Lab	<a href="#">64.4360, -16.4290, 12.8677</a>

# Details

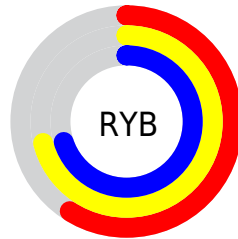
The Hex color **98B496** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B296B4**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **CFECCC**, and **657F63** is the 20% darker color. If you saturate the color by 10%, you get **87B484**, and if you desaturate by 10%, it is **A9B4A8**.

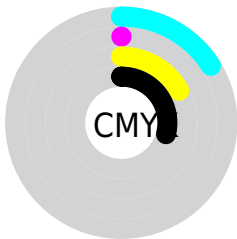
# Distribution



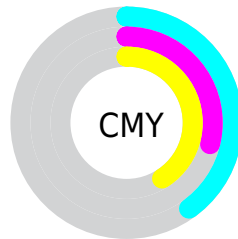
- Red (60%)
- Green (71%)
- Blue (59%)



- Red (59%)
- Yellow (71%)
- Blue (70%)



- Cyan (16%)
- Magenta (0%)
- Yellow (17%)
- Black (29%)



- Cyan (40%)
- Magenta (29%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98B496 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 98B496 by changing the saturation by 10% instead.



 98B496

 98B496

FFFFFF

 7E997C

 CFECCC

 657F63

 EBFFE8

 4C664B

 354E34

 1F371F

 0B2108

 000400

 000000

 98B496

 98B496

 87B484

 A9B4A8

 76B472

 BAB4BA

 66B460

 CAB4CC

 55B44E

 DBB4DE

 44B43C

 ECB4F0

 33B42A

 FDB4FF

 22B418

 FFB4FF

 12B406

 0CB400

# Harmonies

## Analogous

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



ACAF8B



98B496



86B7A7

# Triad

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



98B496



92B0CF



D2A0A0

# Complementary

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



98B496



B296B4

# 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.



CDA0B2



98B496



A9AACD

# Square

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



98B496



80B4C8



BFA4C3



CDA491

# Rectangle

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



98B496



7EB7B3



BFA4C3



D1A0A6



# Sweetspot

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



98B496



E0EBDF



B4B296



6F756E



F5F5F5



757575



# Same Dimension

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



98B496



BFEBBC



96B4A3



515950



0A9900



021A00



# Inverse Universe

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



B296B4



E7BCEB



B496A7



595059



8F0099

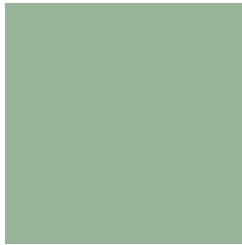


18001A



# Previews

## White Background



This preview shows how the Hex color 98B496 looks on a white background.

## Color Contrast Check

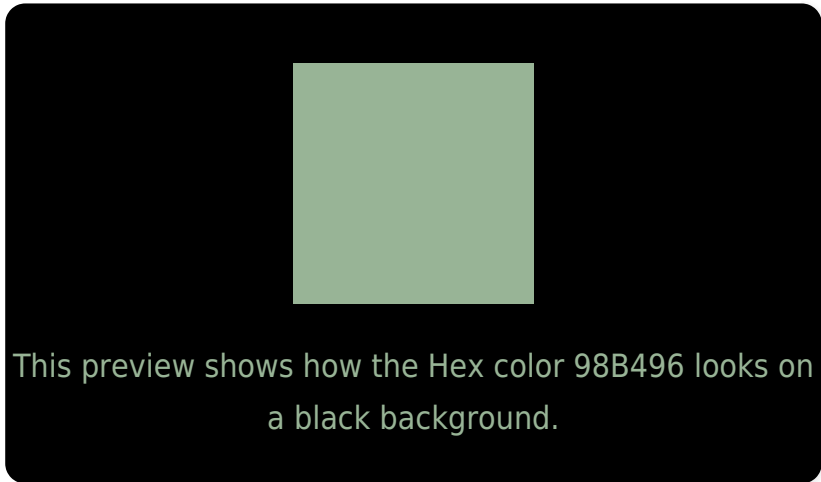
Large Text (above 18pt) WCAG AA × Fail

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

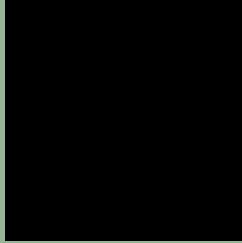
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 98B496 Background



This preview shows how black text looks on a background with the Hex color 98B496.

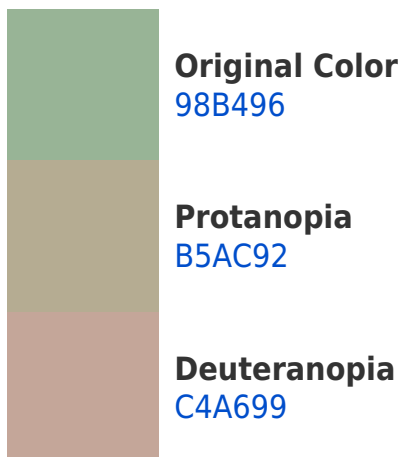


This preview shows how white text looks on a background with the Hex color 98B496.

# 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](#).

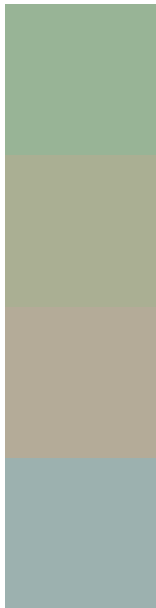
## Dichromacy





**Tritanopia**  
9EAFBD

# Trichromacy



**Original Color**  
98B496

**Protanomaly**  
AAAF93

**Deuteranomaly**  
B4AB98

**Tritanomaly**  
9CB1AF

# Monochromacy



**Original Color**  
98B496

**Achromatopsia**  
A8A8A8

**Achromatomaly**  
A2ACA1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98B496 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 #98B496 looks like.

```
.text, #text, p{  
    color:#98B496  
}
```

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 #98B496 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98B496
}
```

## Border

The CSS property to change the border of an element to Hex 98B496 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
#98B496 }
```

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

```
.border{ border-color:#98B496 }
```

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

Here you see how a box with a 4 pixel #98B496 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98B496; -webkit-box-shadow:4px 4px  
4px 4px #98B496; box-shadow:4px 4px 4px  
4px #98B496 }
```

# Background

The CSS property to change the background color of an element to Hex 98B496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98B496 }
```

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

```
.background{ background-color:#98B496 }
```

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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