

# Converting Colors

Hex(98AA98)

Have a look what the booklet for  
Hex(98AA98) contains.

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# **Color**

**Hex(98AA98)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98AA98
RGB	152, 170, 152
RGB Percent	60%, 67%, 60%
CMY	0.4039, 0.3333, 0.4039
CMYK	0.11, 0.00, 0.11, 0.33
HSL	120°, 10%, 63%
HSV	120°, 11%, 67%
XYZ	32.9911, 37.6918, 35.2422
YIQ	162.5660, -4.9500, -9.4140

# Conversions

## Conversions Part 2

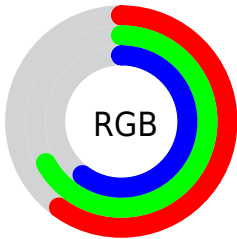
<b>Format</b>	<b>Color</b>
<b>RYB</b>	152, 170, 170
Decimal	10005144
CIELab	67.79, -9.79, 7.15
CIElCh	68, 12.121, 143.842
Yxy	37.6918, 0.3115, 0.3558
Android (android.graphics.Color)	4288195224 (0xFF98AA98)
YUV	162.5660, -5.2090, -9.2664
Hunter-Lab	61.3937, -11.5184, 8.9410

# Details

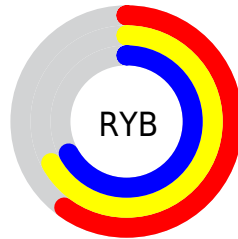
The Hex color **98AA98** is a light color, and the websafe version is hex **999999**. A complement of this color would be **AA98AA**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **CEE1CE**, and **657665** is the 20% darker color. If you saturate the color by 10%, you get **87AA87**, and if you desaturate by 10%, it is **A9AAA9**.

# Distribution



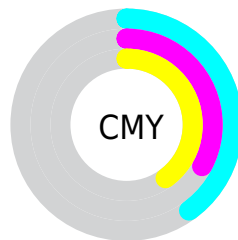
- Red (60%)
- Green (67%)
- Blue (60%)



- Red (60%)
- Yellow (67%)
- Blue (67%)



- Cyan (11%)
- Magenta (0%)
- Yellow (11%)
- Black (33%)



- Cyan (40%)
- Magenta (33%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98AA98 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 98AA98 by changing the saturation by 10% instead.





98AA98



98AA98

FFFFFF



7E907E



CEE1CE



657665



EBFEEA



4D5D4D



364636



202F21



0B1B0B



000000



98AA98



98AA98



87AA87



A9AAA9

 76AA76

 BAAABA

 65AA65

 CBAACB

 54AA54

 DCAADC

 43AA43

 EDAAED

 32AA32

 FEAAFE

 21AA21

 FFAAFF

 10AA10

 00AA00

# Harmonies

## Analogous

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



A5A791



98AA98



8EACA2

# Triad

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



98AA98



97A7BB



BD9E9D

# Complementary

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



98AA98



AA98AA

# 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.



BA9EA8



98AA98



A5A3B9

# Square

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



98AA98



8DAAB6



B1A0B2



B9A094

# Rectangle

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



98AA98



8AACA



B1A0B2



BD9EA0



# Sweetspot

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



98AA98



D7DED7



AAAA98



6C706C



F0F0F0



707070



# Same Dimension

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



98AA98



C1DEC1



98AAA1



4C544C



009400



001400



# Inverse Universe

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



AA98AA



DEC1DE



AA98A1



544C54



940094

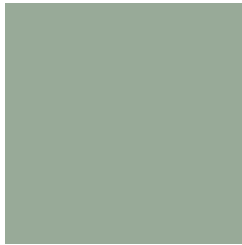


140014



# Previews

## White Background



This preview shows how the Hex color 98AA98 looks on a white background.

## Color Contrast Check

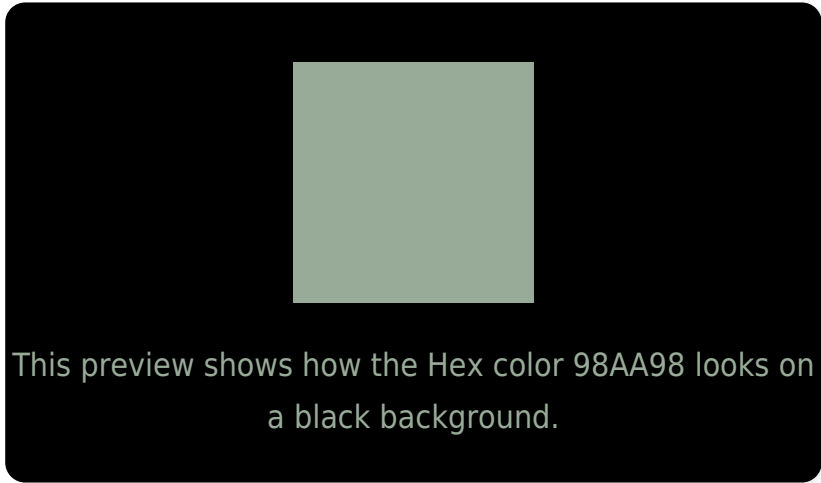
Large Text (above 18pt) WCAG AA × Fail

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

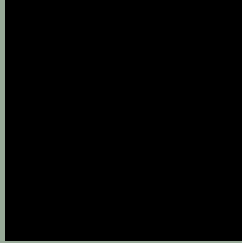
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

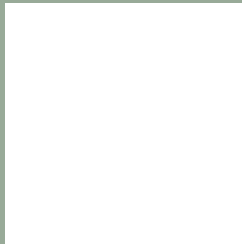
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 98AA98 Background



This preview shows how black text looks on a background with the Hex color 98AA98.

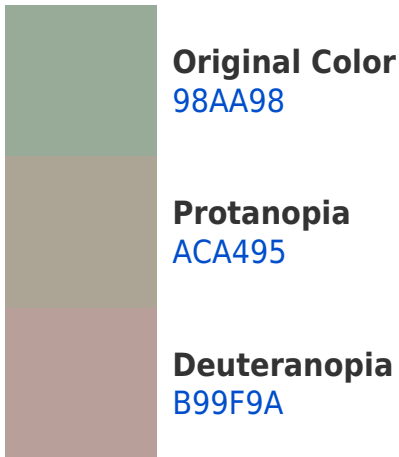


This preview shows how white text looks on a background with the Hex color 98AA98.

# 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](#).

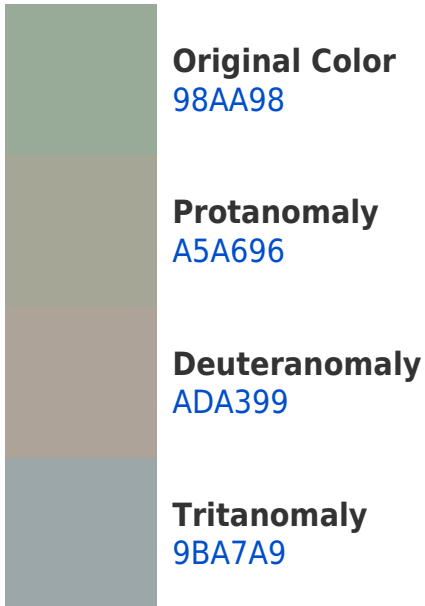
## Dichromacy



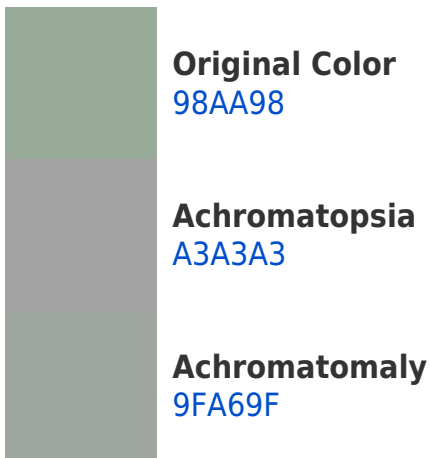


**Tritanopia**  
9CA6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98AA98 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 #98AA98 looks like.

```
.text, #text, p{  
  color:#98AA98  
}
```

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 #98AA98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98AA98
}
```

## Border

The CSS property to change the border of an element to Hex 98AA98 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
#98AA98 }
```

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

```
.border{ border-color:#98AA98 }
```

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

Here you see how a box with a 4 pixel #98AA98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98AA98; -webkit-box-shadow:4px 4px  
4px 4px #98AA98; box-shadow:4px 4px 4px  
4px #98AA98 }
```

# Background

The CSS property to change the background color of an element to Hex 98AA98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98AA98 }
```

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

```
.background{ background-color:#98AA98 }
```

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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