

# Converting Colors

Hex(98AA81)

Have a look what the booklet for  
Hex(98AA81) contains.

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# **Color**

**Hex(98AA81)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98AA81
RGB	152, 170, 129
RGB Percent	60%, 67%, 51%
CMY	0.4039, 0.3333, 0.4941
CMYK	0.11, 0.00, 0.24, 0.33
HSL	86°, 19%, 59%
HSV	86°, 24%, 67%
XYZ	31.2861, 37.0098, 26.2635
YIQ	159.9440, 2.4330, -16.5670

# Conversions

## Conversions Part 2

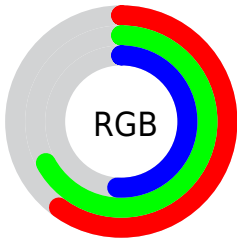
Format	Color
<a href="#">RYB</a>	<a href="#">129, 170, 147</a>
Decimal	<a href="#">10005121</a>
CIELab	<a href="#">67.28, -13.76, 19.10</a>
CIELCh	<a href="#">67, 23.534, 125.766</a>
Yxy	<a href="#">37.0098, 0.3309, 0.3914</a>
Android (android.graphics.Color)	<a href="#">4288195201 (0xFF98AA81)</a>
YUV	<a href="#">159.9440, -15.2554, -6.9669</a>
Hunter-Lab	<a href="#">60.8357, -14.6650, 16.9888</a>

# Details

The Hex color **98AA81** is a light color, and the websafe version is hex **999966**. A complement of this color would be **9381AA**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **CFE1B6**, and **65764F** is the 20% darker color. If you saturate the color by 10%, you get **91AA70**, and if you desaturate by 10%, it is **9FAA92**.

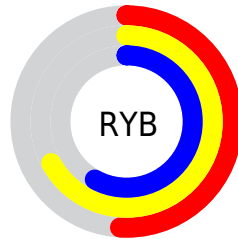
# Distribution



Red (60%)

Green (67%)

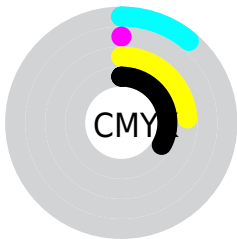
Blue (51%)



Red (51%)

Yellow (67%)

Blue (58%)

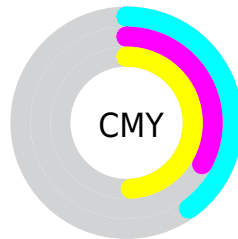


Cyan (11%)

Magenta (0%)

Yellow (24%)

Black (33%)



Cyan (40%)

Magenta (33%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98AA81 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 98AA81 by changing the saturation by 10% instead.



 98AA81

 98AA81

FFFFFF

 7E8F68

 CFE1B6


 65764F

 EBFED2

 4C5D38

 FFFFEE

 354622

 1F2F0D

 051B00

 000000

 98AA81

 98AA81

 91AA70

 9FAA92

89AA5F

A7AAA3

82AA4E

AEAAAB4

7AAA3D

B6AAC5

73AA2C

BDAAD6

6BAA1B

C5AAE7

64AA0A

CCAAF8

5FAA00

D4AAFF

DBAAFF

# Harmonies

## Analogous

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



AFA47A



98AA81



80AE92

# Triad

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



98AA81



75ABCA



CE94A0

# Complementary

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



98AA81



9381AA

# 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.



C397B6



98AA81



90A4CE

# Square

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



98AA81



66AFBC



AC9DC6



CE978C

# Rectangle

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



98AA81



72B0A0



AC9DC6



CC95A8



# Sweetspot

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



98AA81



D7DECE



AA9381



6C7067



F0F0F0



707070



# Same Dimension

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



98AA81



C2DE9E



84AA81



50544C



539400



0B1400



# Inverse Universe

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



9381AA



BA9EDE



A781AA



4F4C54



410094



090014



# Previews

## White Background



This preview shows how the Hex color 98AA81 looks on a white background.

## Color Contrast Check

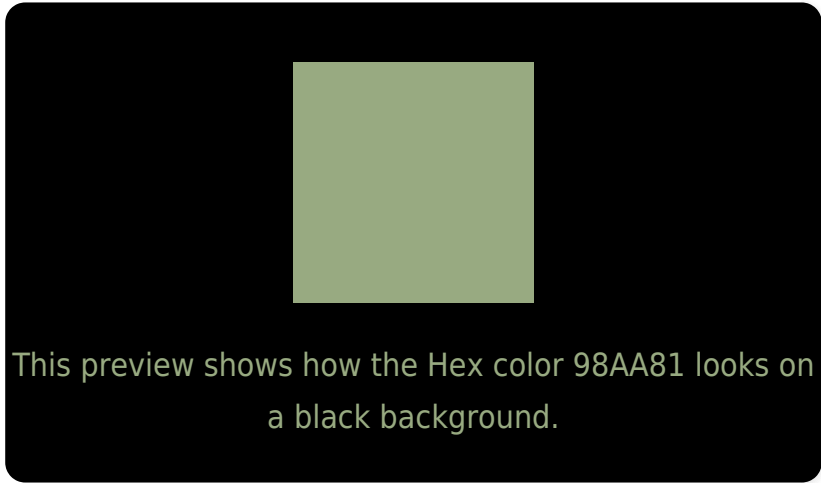
Large Text (above 18pt) WCAG AA × Fail

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

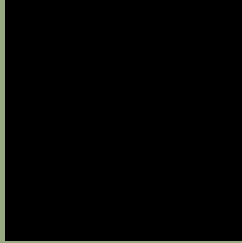
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 98AA81 Background



This preview shows how black text looks on a background with the Hex color 98AA81.

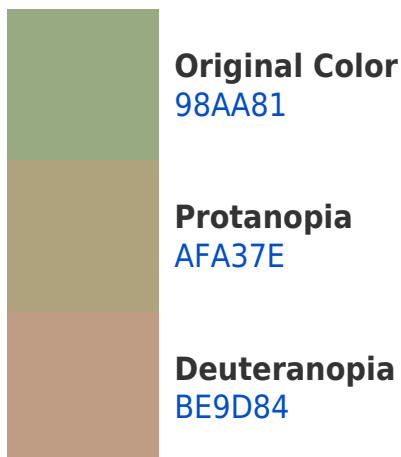


This preview shows how white text looks on a background with the Hex color 98AA81.

# 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



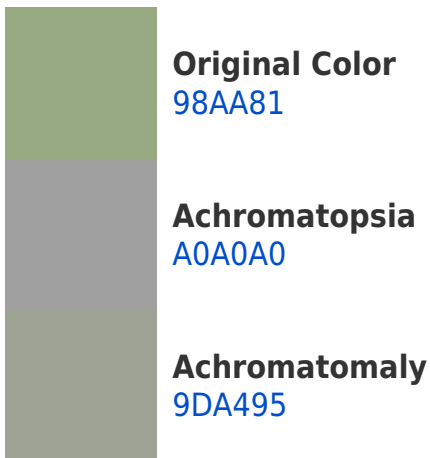


**Tritanopia**  
9FA4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98AA81 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 #98AA81 looks like.

```
.text, #text, p{  
    color:#98AA81  
}
```

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 #98AA81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98AA81
}
```

## Border

The CSS property to change the border of an element to Hex 98AA81 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
#98AA81 }
```

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

```
.border{ border-color:#98AA81 }
```

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

Here you see how a box with a 4 pixel #98AA81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98AA81; -webkit-box-shadow:4px 4px  
4px 4px #98AA81; box-shadow:4px 4px 4px  
4px #98AA81 }
```

# Background

The CSS property to change the background color of an element to Hex 98AA81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98AA81 }
```

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

```
.background{ background-color:#98AA81 }
```

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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