

# Converting Colors

Hex(98AD64)

Have a look what the booklet for  
Hex(98AD64) contains.

<b>Hex(98AD64)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(98AD64)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98AD64
RGB	152, 173, 100
RGB Percent	60%, 68%, 39%
CMY	0.4039, 0.3216, 0.6078
CMYK	0.12, 0.00, 0.42, 0.32
HSL	77°, 31%, 54%
HSV	77°, 42%, 68%
XYZ	30.1927, 37.4826, 17.7001
YIQ	158.3990, 10.9170, -27.1550

# Conversions

## Conversions Part 2

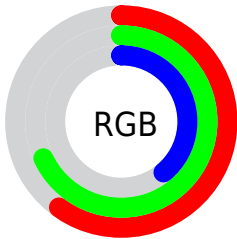
Format	Color
<a href="#">RYB</a>	<a href="#">100, 173, 121</a>
Decimal	<a href="#">10005860</a>
CIELab	<a href="#">67.64, -19.35, 35.05</a>
CIELCh	<a href="#">68, 40.035, 118.898</a>
Yxy	<a href="#">37.4826, 0.3536, 0.4390</a>
Android (android.graphics.Color)	<a href="#">4288195940 (0xFF98AD64)</a>
YUV	<a href="#">158.3990, -28.7907, -5.6119</a>
Hunter-Lab	<a href="#">61.2231, -19.1115, 25.7149</a>

# Details

The Hex color **98AD64** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7964AD**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **CFE498**, and **647933** is the 20% darker color. If you saturate the color by 10%, you get **93AD53**, and if you desaturate by 10%, it is **9DAD75**.

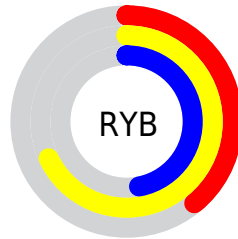
# Distribution



Red (60%)

Green (68%)

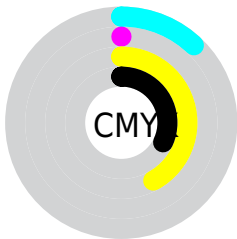
Blue (39%)



Red (39%)

Yellow (68%)

Blue (47%)

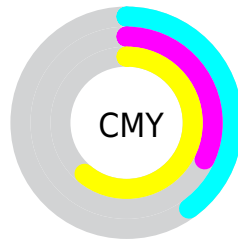


Cyan (12%)

Magenta (0%)

Yellow (42%)

Black (32%)



Cyan (40%)

Magenta (32%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98AD64 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 98AD64 by changing the saturation by 10% instead.





98AD64



98AD64

FFFFFF



7D924B



CFE498



647933



ECFFB3



4B601B



FFFFCF



324802



FFFFEB



1C3100



001E00



000000



98AD64



98AD64



93AD53



9DAD75

 8EAD41

 A2AD87

 89AD30

 A7AD98

 84AD1F

 ACADA9

 7FAD0D

 B1ADBB

 7BAD00

 B6ADCC

 BBADDD

 C0ADEE

 C5ADFF

# Harmonies

## Analogous

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



BDA25C



98AD64



6CB47E

# Triad

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



98AD64



0FB2E2



E788A8

# Complementary

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



98AD64



7964AD

# 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.



D18FCB



98AD64



6BA9EC

# Square

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



98AD64



00B7C6



A69CE4



E98B84

# Rectangle

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



98AD64



4AB796



A69CE4



E289B4



# Sweetspot

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



98AD64



D8E0C3



AD7964



6B705E



F0F0F0



707070



# Same Dimension

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



98AD64



BFE06E



74AD64



54574E



6B9600



101700



# Inverse Universe

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



7964AD



8F6EE0



9D64AD



514E57



2B0096



070017



# Previews

## White Background



This preview shows how the Hex color 98AD64 looks on a white background.

## Color Contrast Check

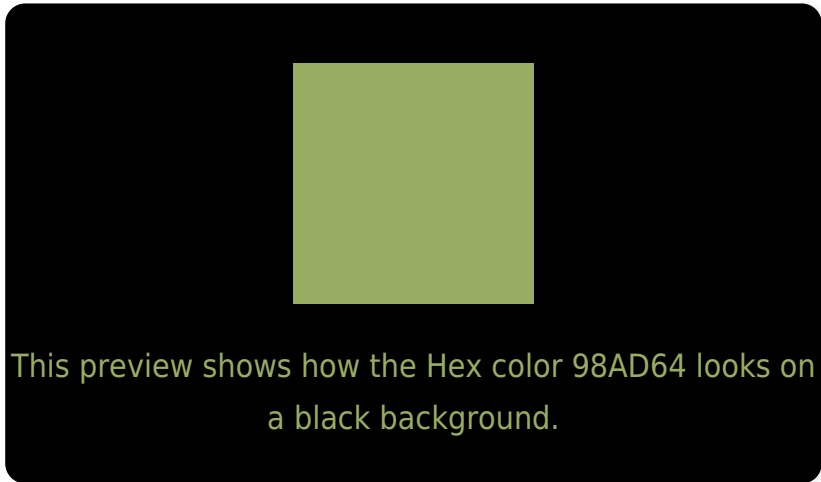
Large Text (above 18pt) WCAG AA × Fail

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

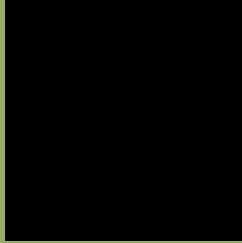
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 98AD64 Background



This preview shows how black text looks on a background with the Hex color 98AD64.

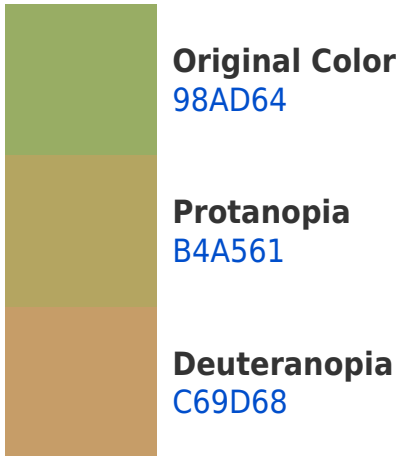


This preview shows how white text looks on a background with the Hex color 98AD64.

# 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](#).

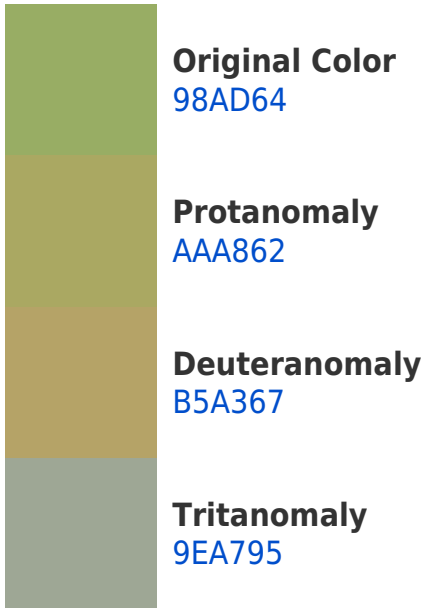
## Dichromacy



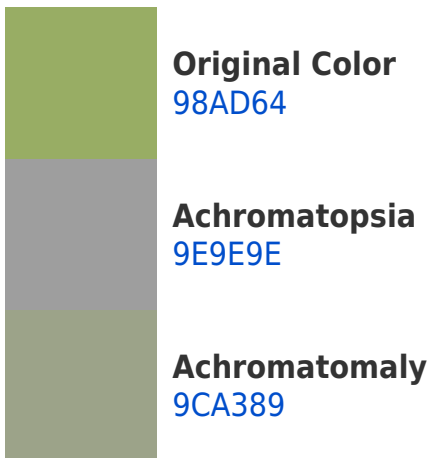


**Tritanopia**  
A2A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98AD64 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 #98AD64 looks like.

```
.text, #text, p{  
    color:#98AD64  
}
```

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 #98AD64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98AD64
}
```

## Border

The CSS property to change the border of an element to Hex 98AD64 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
#98AD64 }
```

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

```
.border{ border-color:#98AD64 }
```

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

Here you see how a box with a 4 pixel #98AD64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98AD64; -webkit-box-shadow:4px 4px  
4px 4px #98AD64; box-shadow:4px 4px 4px  
4px #98AD64 }
```

# Background

The CSS property to change the background color of an element to Hex 98AD64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98AD64 }
```

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

```
.background{ background-color:#98AD64 }
```

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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