

# Converting Colors

Hex(98A85D)

Have a look what the booklet for  
Hex(98A85D) contains.

<b>Hex(98A85D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(98A85D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98A85D
RGB	152, 168, 93
RGB Percent	60%, 66%, 36%
CMY	0.4039, 0.3412, 0.6353
CMYK	0.10, 0.00, 0.45, 0.34
HSL	73°, 30%, 51%
HSV	73°, 45%, 66%
XYZ	28.9273, 35.4710, 15.6779
YIQ	154.6660, 14.5390, -26.7170

# Conversions

## Conversions Part 2

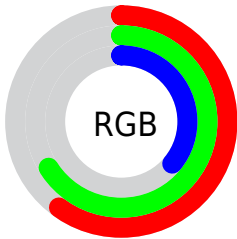
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 168, 109
Decimal	10004573
CIELab	66.11, -17.61, 36.75
CIELCh	66, 40.751, 115.607
Yxy	35.4710, 0.3612, 0.4430
Android (android.graphics.Color)	4288194653 (0xFF98A85D)
YUV	154.6660, -30.4013, -2.3381
Hunter-Lab	59.5575, -17.5275, 26.0828

# Details

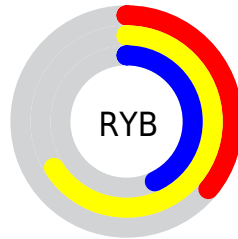
The Hex color **98A85D** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6D5DA8**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **CFDF91**, and **63742C** is the 20% darker color. If you saturate the color by 10%, you get **94A84C**, and if you desaturate by 10%, it is **9CA86E**.

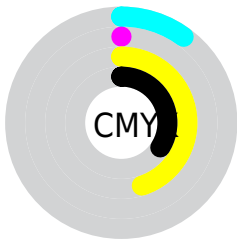
# Distribution



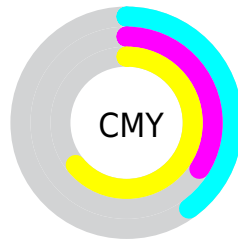
- Red (60%)
- Green (66%)
- Blue (36%)



- Red (36%)
- Yellow (66%)
- Blue (43%)



- Cyan (10%)
- Magenta (0%)
- Yellow (45%)
- Black (34%)



- Cyan (40%)
- Magenta (34%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98A85D 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 98A85D by changing the saturation by 10% instead.





98A85D



98A85D

FFFFFF



7D8E44



CFDF91



63742C



ECFCAC



4A5B14



FFFFC7



324400



FFFFE4



1B2E00



001A00



000000



98A85D



98A85D



94A84C



9CA86E

91A83B

9FA87F

8DA82B

A3A88F

8AA81A

A6A8A0

86A809

AAA8B1

84A800

AEA8C2

B1A8D3

B5A8E3

B8A8F4

# Harmonies

## Analogous

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



BD9D57



98A85D



6DB076

# Triad

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



98A85D



00AFDC



E284A8

# Complementary

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



98A85D



6D5DA8

# 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.



C98CCA



98A85D



5CA6E9

# Square

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



98A85D



00B3BF



9C99E3



E68683

# Rectangle

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



98A85D



49B38D



9C99E3



DC86B4



# Sweetspot

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



98A85D



D5DBBF



A86C5D



6A6E5C



EDEDED



6E6E6E



# Same Dimension

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



98A85D



C2DB65



73A85D



52544C



749400



101400



# Inverse Universe

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



6D5DA8



7E65DB



925DA8



4E4C54



200094



040014



# Previews

## White Background



This preview shows how the Hex color 98A85D looks on a white background.

## Color Contrast Check

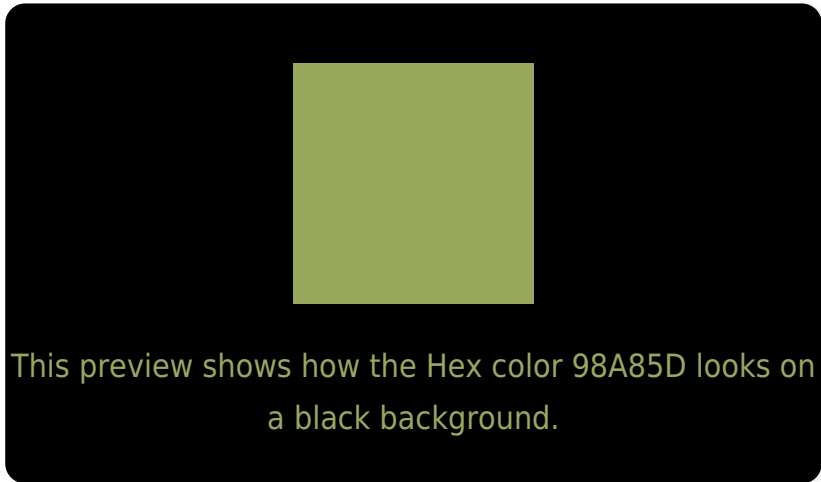
Large Text (above 18pt) WCAG AA × Fail

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 98A85D Background



This preview shows how black text looks on a background with the Hex color 98A85D.



This preview shows how white text looks on a background with the Hex color 98A85D.

# 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



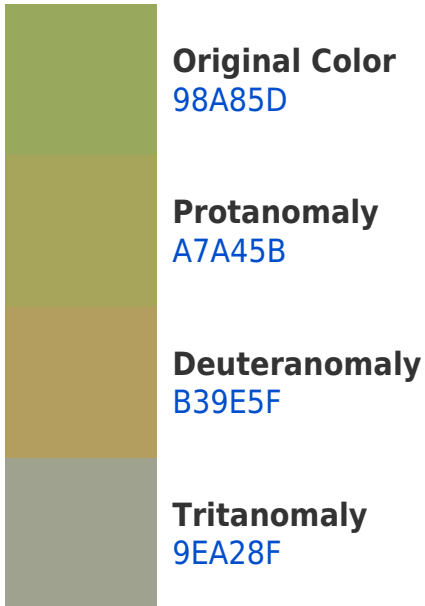
**Original Color**  
98A85D

**Protanopia**  
B0A15A

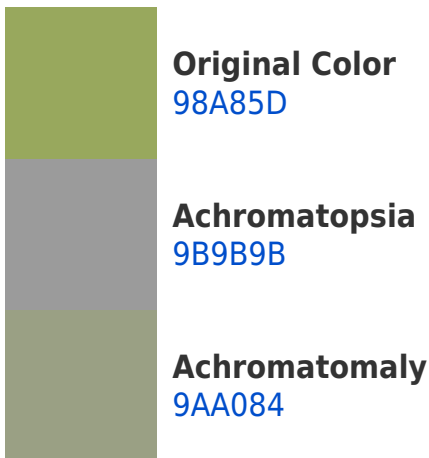
**Deuteranopia**  
C39960



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98A85D 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 #98A85D looks like.

```
.text, #text, p{  
    color:#98A85D  
}
```

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 #98A85D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98A85D
}
```

## Border

The CSS property to change the border of an element to Hex 98A85D 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
#98A85D }
```

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

```
.border{ border-color:#98A85D }
```

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

Here you see how a box with a 4 pixel #98A85D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98A85D; -webkit-box-shadow:4px 4px  
4px 4px #98A85D; box-shadow:4px 4px 4px  
4px #98A85D }
```

# Background

The CSS property to change the background color of an element to Hex 98A85D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98A85D }
```

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

```
.background{ background-color:#98A85D }
```

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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