

# Converting Colors

Hex(98A24F)

Have a look what the booklet for  
Hex(98A24F) contains.

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# **Color**

**Hex(98A24F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98A24F
RGB	152, 162, 79
RGB Percent	60%, 64%, 31%
CMY	0.4039, 0.3647, 0.6902
CMYK	0.06, 0.00, 0.51, 0.36
HSL	67°, 34%, 47%
HSV	67°, 51%, 64%
XYZ	27.2805, 33.0806, 12.3445
YIQ	149.5480, 20.6830, -27.9330

# Conversions

## Conversions Part 2

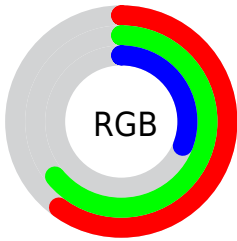
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">79, 162, 89</a>
Decimal	<a href="#">10003023</a>
CIELab	<a href="#">64.23, -15.98, 41.52</a>
CIELCh	<a href="#">64, 44.493, 111.054</a>
Yxy	<a href="#">33.0806, 0.3752, 0.4550</a>
Android (android.graphics.Color)	<a href="#">4288193103</a> ( <a href="#">0xFF98A24F</a> )
YUV	<a href="#">149.5480, -34.7802, 2.1504</a>
Hunter-Lab	<a href="#">57.5157, -15.9875, 27.5357</a>

# Details

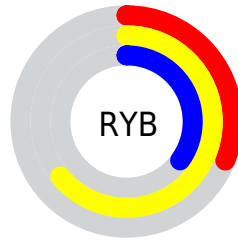
The Hex color **98A24F** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **594FA2**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **D0D982**, and **636E1D** is the 20% darker color. If you saturate the color by 10%, you get **96A23F**, and if you desaturate by 10%, it is **9AA25F**.

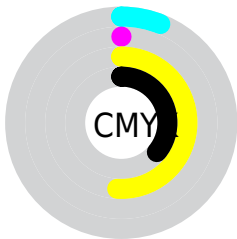
# Distribution



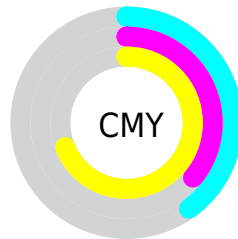
- Red (60%)
- Green (64%)
- Blue (31%)



- Red (31%)
- Yellow (64%)
- Blue (35%)



- Cyan (6%)
- Magenta (0%)
- Yellow (51%)
- Black (36%)



- Cyan (40%)
- Magenta (36%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98A24F 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 98A24F by changing the saturation by 10% instead.



 98A24F

 98A24F

FFFFFF

 7D8836

 D0D982

 636E1D

 EDF59D

 4A5600

 FFFFB8

 323F00

 FFFFD4

 192900

 FFFFF1

 001600

 000000

 98A24F

 98A24F

 96A23F

 9AA25F

 94A22F

 9CA26F

 92A21E

 9EA280

 90A20E

 A0A290

 8EA200

 A2A2A0

 A4A2B0

 A6A2C0

 A8A2D1

 AAA2E1

# Harmonies

## Analogous

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



BE954C



98A24F



6AAB68

# Triad

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



98A24F



00ACD8



E07CA9

# Complementary

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



98A24F



594FA2

# 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.



C187CE



98A24F



38A3EA

# Square

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



98A24F



00B0B7



8C96E6



E77C81

# Rectangle

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



98A24F



41AE81



8C96E6



D87FB6



# Sweetspot

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



98A24F



D0D4B4



A2594F



696B58



EBEBEB



6B6B6B



# Same Dimension

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



98A24F



C4D453



6FA24F



515249



809100



101200



# Inverse Universe

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



594FA2



6253D4



824FA2



4A4952



120091



020012



# Previews

## White Background



This preview shows how the Hex color 98A24F looks on a white background.

## Color Contrast Check

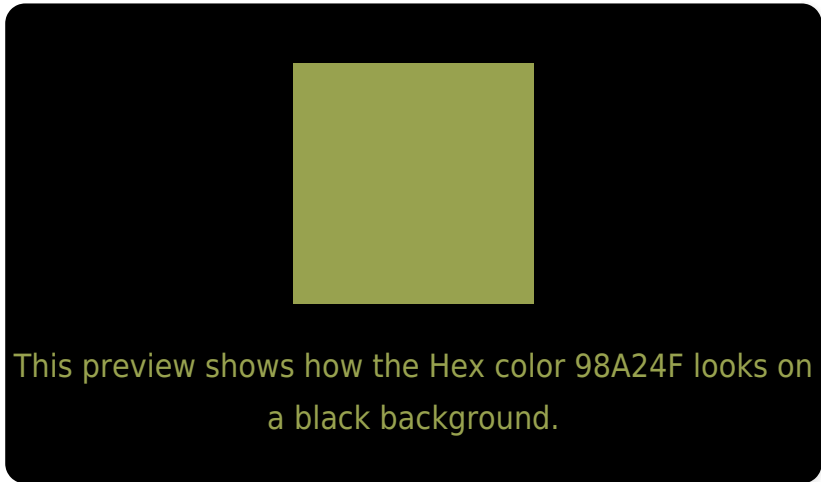
Large Text (above 18pt) WCAG AA × Fail

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 98A24F Background



This preview shows how black text looks on a background with the Hex color 98A24F.



This preview shows how white text looks on a background with the Hex color 98A24F.

# 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**  
98A24F

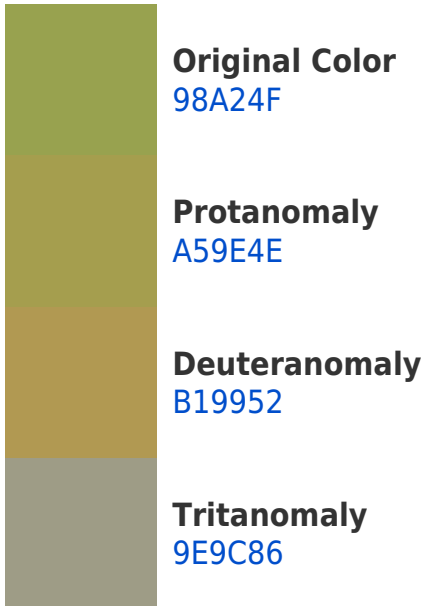
**Protanopia**  
AC9C4D

**Deuteranopia**  
BF9453

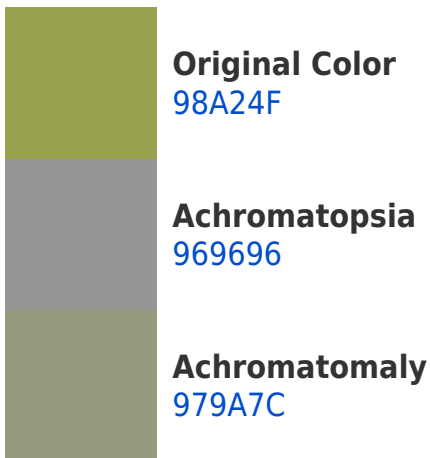


**Tritanopia**  
A299A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98A24F 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 #98A24F looks like.

```
.text, #text, p{  
    color:#98A24F  
}
```

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 #98A24F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98A24F
}
```

## Border

The CSS property to change the border of an element to Hex 98A24F 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
#98A24F }
```

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

```
.border{ border-color:#98A24F }
```

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

Here you see how a box with a 4 pixel #98A24F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98A24F; -webkit-box-shadow:4px 4px  
4px 4px #98A24F; box-shadow:4px 4px 4px  
4px #98A24F }
```

# Background

The CSS property to change the background color of an element to Hex 98A24F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98A24F }
```

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

```
.background{ background-color:#98A24F }
```

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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