

# Converting Colors

Hex(98C13E)

Have a look what the booklet for  
Hex(98C13E) contains.

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**Color**

**Hex(98C13E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98C13E
RGB	152, 193, 62
RGB Percent	60%, 76%, 24%
CMY	0.4039, 0.2431, 0.7569
CMYK	0.21, 0.00, 0.68, 0.24
HSL	79°, 51%, 50%
HSV	79°, 68%, 76%
XYZ	32.8884, 45.1631, 11.5414
YIQ	165.8070, 17.6150, -49.4330

# Conversions

## Conversions Part 2

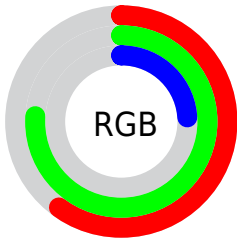
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 193, 103
Decimal	10010942
CIELab	73.00, -32.59, 58.79
CIElCh	73, 67.224, 119.001
Yxy	45.1631, 0.3671, 0.5041
Android (android.graphics.Color)	4288201022 (0xFF98C13E)
YUV	165.8070, -51.1769, -12.1087
Hunter-Lab	67.2035, -30.2510, 36.8601

# Details

The Hex color **98C13E** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **673EC1**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **D1FA74**, and **618B00** is the 20% darker color. If you saturate the color by 10%, you get **92C12B**, and if you desaturate by 10%, it is **9EC151**.

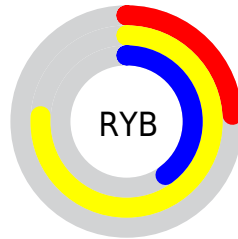
# Distribution



Red (60%)

Green (76%)

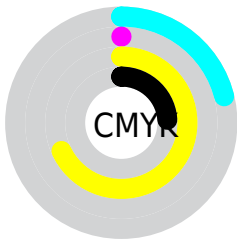
Blue (24%)



Red (24%)

Yellow (76%)

Blue (40%)

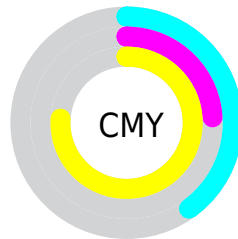


Cyan (21%)

Magenta (0%)

Yellow (68%)

Black (24%)



Cyan (40%)

Magenta (24%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98C13E 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 98C13E by changing the saturation by 10% instead.





98C13E



98C13E

FFFFFF



7CA620



D1FA74



618B00



EEFF90



467200



FFFFAC



2B5900



FFFFC8



0A4100



FFFFE5



002B00



001200



000000



98C13E



98C13E

■ 92C12B

■ 9EC151

■ 8CC117

■ A4C165

■ 86C104

■ AAC178

■ 85C100

■ B0C18B

■ B6C19F

■ BCC1B2

■ C2C1C5

■ C8C1D8

■ CEC1EC

# Harmonies

## Analogous

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



D5AF2B



98C13E



3CCC71

# Triad

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



98C13E



00C9FF



FF7AB8

# Complementary

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



98C13E



673EC1

# 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.



FC89F4



98C13E



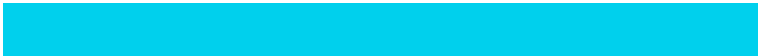
00BBFF

# Square

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



98C13E



00D0ED



B0A4FF



FF817B

# Rectangle

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



98C13E



00CF9A



B0A4FF



FF7DCD



# Sweetspot

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



98C13E



EAFAC8



C1653E



747D5F



FCFCFC



7D7D7D



# Same Dimension

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



98C13E



BBFA2F



58C13E



5E6157



6EA100



172100



# Inverse Universe

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



673EC1



6F2FFA



A73EC1



5A5761



3200A1



0A0021



# Previews

## White Background



This preview shows how the Hex color 98C13E looks on a white background.

## Color Contrast Check

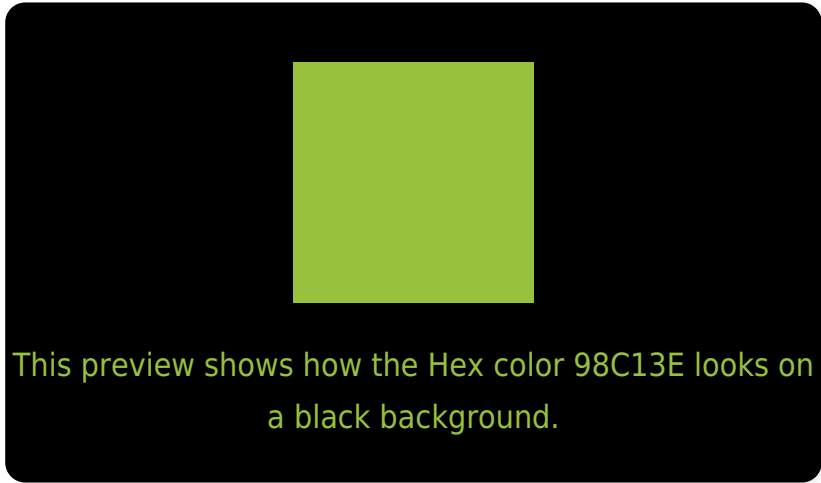
Large Text (above 18pt) WCAG AA × Fail

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 98C13E Background



This preview shows how black text looks on a background with the Hex color 98C13E.

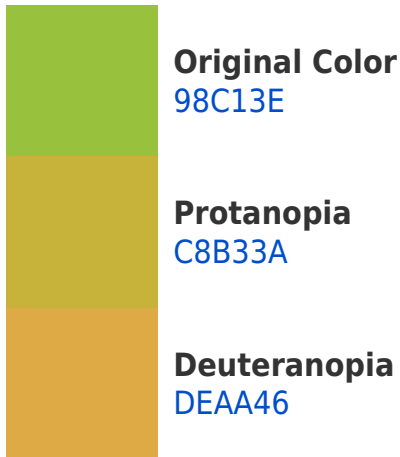


This preview shows how white text looks on a background with the Hex color 98C13E.

# 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**  
A7B4C3

# Trichromacy



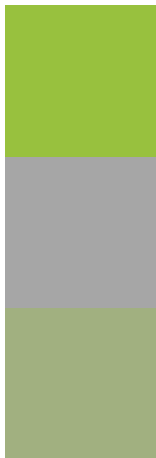
**Original Color**  
98C13E

**Protanomaly**  
B7B83B

**Deuteranomaly**  
C5B243

**Tritanomaly**  
A2B993

# Monochromacy



**Original Color**  
98C13E

**Achromatopsia**  
A6A6A6

**Achromatomaly**  
A1B080

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98C13E 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 #98C13E looks like.

```
.text, #text, p{  
    color:#98C13E  
}
```

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 #98C13E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98C13E
}
```

## Border

The CSS property to change the border of an element to Hex 98C13E 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
#98C13E }
```

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

```
.border{ border-color:#98C13E }
```

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

Here you see how a box with a 4 pixel #98C13E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98C13E; -webkit-box-shadow:4px 4px  
4px 4px #98C13E; box-shadow:4px 4px 4px  
4px #98C13E }
```

# Background

The CSS property to change the background color of an element to Hex 98C13E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98C13E }
```

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

```
.background{ background-color:#98C13E }
```

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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