

Converting Colors

Hex(98C447)

Have a look what the booklet for
Hex(98C447) contains.

Hex(98C447)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(98C447)

Conversions

Conversions Part 1

Format	Color
Hex	98C447
RGB	152, 196, 71
RGB Percent	60%, 77%, 28%
CMY	0.4039, 0.2314, 0.7216
CMYK	0.22, 0.00, 0.64, 0.23
HSL	81°, 51%, 52%
HSV	81°, 64%, 77%
XYZ	33.8262, 46.6102, 13.1751
YIQ	168.5940, 13.9010, -48.2030

Conversions

Conversions Part 2

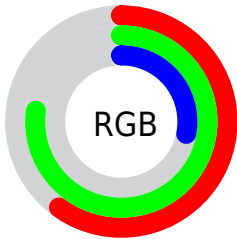
Format	Color
RYB	71, 196, 115
Decimal	10011719
CIELab	73.94, -33.34, 56.15
CIELCh	74, 65.300, 120.703
Yxy	46.6102, 0.3613, 0.4979
Android (android.graphics.Color)	4288201799 (0xFF98C447)
YUV	168.5940, -48.1138, -14.5529
Hunter-Lab	68.2717, -31.0351, 36.3484

Details

The Hex color **98C447** 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 **7347C4**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **D1FD7D**, and **618E06** is the 20% darker color. If you saturate the color by 10%, you get **91C433**, and if you desaturate by 10%, it is **9FC45B**.

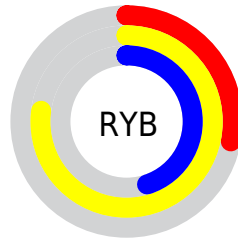
Distribution



Red (60%)

Green (77%)

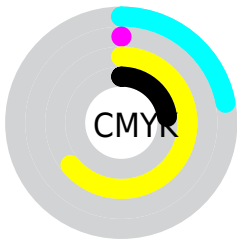
Blue (28%)



Red (28%)

Yellow (77%)

Blue (45%)

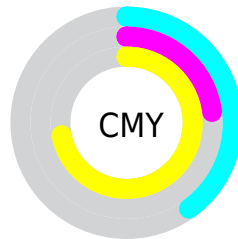


Cyan (22%)

Magenta (0%)

Yellow (64%)

Black (23%)



Cyan (40%)

Magenta (23%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 98C447 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 98C447 by changing the saturation by 10% instead.

 98C447

 98C447

FFFFFF

 7CA92B

 D1FD7D

 618E06

 EEFF98

 467400

 FFFFB4

 2C5B00

 FFFF00

 0A4300

 FFFF00

 002D00

 001600

 000000

 98C447

 98C447

 91C433

 9FC45B

 8AC420

 A6C46E

 83C40C

 ADC482

 7FC400

 B4C495

 BAC4A9

 C1C4BD

 C8C4D0

 CFC4E4

 D6C4F7

Harmonies

Analogous

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



D4B333



98C447



3ECE78

Triad

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



98C447



00CBFF



FF7EB7

Complementary

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



98C447



7347C4

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.



FF8CF1



98C447



06BCFF

Square

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



98C447



00D2F1



B9A5FF



FF877C

Rectangle

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



98C447



00D2A0



B9A5FF



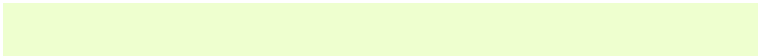
FF81CB

Sweetspot

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



98C447



EEFFCF



C47347



758062



000000



808080

Same Dimension

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



98C447



BAFF3B



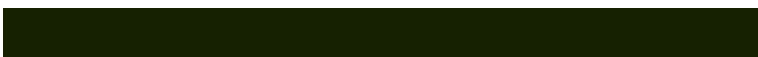
5AC447



5D6157



68A100



152100

Inverse Universe

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



7347C4



803BFF



B147C4



5B5761



3900A1



0C0021

Previews

White Background



This preview shows how the Hex color 98C447 looks on a white background.

Color Contrast Check

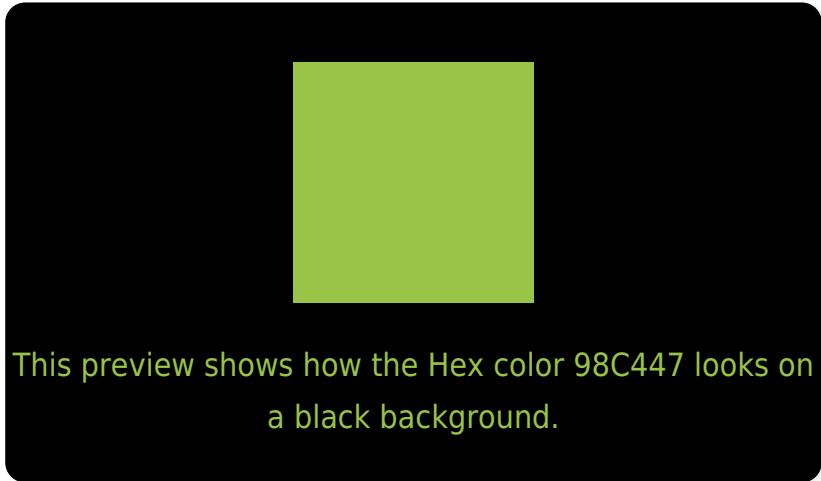
Large Text (above 18pt) WCAG AA × Fail

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 98C447 Background



This preview shows how black text looks on a background with the Hex color 98C447.

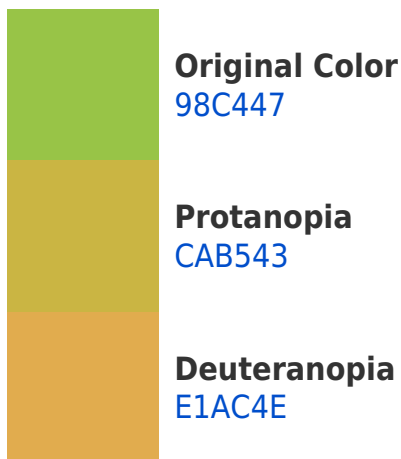


This preview shows how white text looks on a background with the Hex color 98C447.

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
A8B7C6

Trichromacy



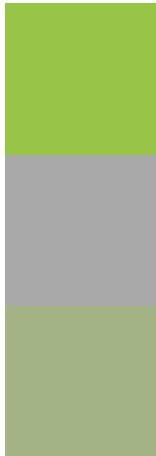
Original Color
98C447

Protanomaly
B8BA44

Deuteranomaly
C6B54B

Tritanomaly
A2BC98

Monochromacy



Original Color
98C447

Achromatopsia
A9A9A9

Achromatomaly
A3B385

CSS Examples

Text

The CSS property to change the color of the text to Hex 98C447 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 #98C447 looks like.

```
.text, #text, p{  
    color:#98C447  
}
```

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 #98C447 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98C447
}
```

Border

The CSS property to change the border of an element to Hex 98C447 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
#98C447 }
```

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

```
.border{ border-color:#98C447 }
```

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

Here you see how a box with a 4 pixel #98C447 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98C447; -webkit-box-shadow:4px 4px  
4px 4px #98C447; box-shadow:4px 4px 4px  
4px #98C447 }
```

Background

The CSS property to change the background color of an element to Hex 98C447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98C447 }
```

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

```
.background{ background-color:#98C447 }
```

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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