

Converting Colors

Hex(98BF42)

Have a look what the booklet for
Hex(98BF42) contains.

Hex(98BF42)	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(98BF42)

Conversions

Conversions Part 1

Format	Color
Hex	98BF42
RGB	152, 191, 66
RGB Percent	60%, 75%, 26%
CMY	0.4039, 0.2510, 0.7412
CMYK	0.20, 0.00, 0.65, 0.25
HSL	79°, 49%, 50%
HSV	79°, 65%, 75%
XYZ	32.5631, 44.3304, 11.9946
YIQ	165.0890, 16.8810, -47.1430

Conversions

Conversions Part 2

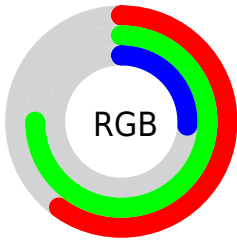
Format	Color
RYB	66, 191, 105
Decimal	10010434
CIELab	72.45, -31.38, 56.62
CIELCh	72, 64.737, 118.996
Yxy	44.3304, 0.3663, 0.4987
Android (android.graphics.Color)	4288200514 (0xFF98BF42)
YUV	165.0890, -48.8509, -11.4791
Hunter-Lab	66.5810, -29.2171, 35.9256

Details

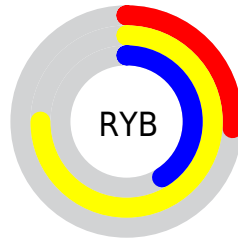
The Hex color **98BF42** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **6942BF**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **D1F878**, and **618900** is the 20% darker color. If you saturate the color by 10%, you get **92BF2F**, and if you desaturate by 10%, it is **9EBF55**.

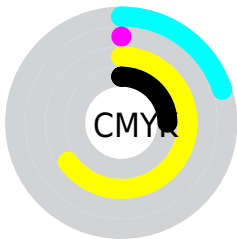
Distribution



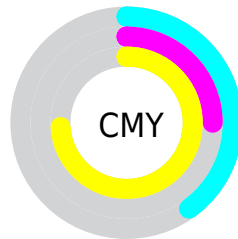
- Red (60%)
- Green (75%)
- Blue (26%)



- Red (26%)
- Yellow (75%)
- Blue (41%)



- Cyan (20%)
- Magenta (0%)
- Yellow (65%)
- Black (25%)



- Cyan (40%)
- Magenta (25%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 98BF42 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 98BF42 by changing the saturation by 10% instead.



98BF42



98BF42

FFFFFF



7CA426



D1F878



618900



EEFF93



467000



FFFFAF



2C5700



FFFFCB



0C3F00



FFFFE8



002900



001000



000000



98BF42



98BF42

 92BF2F

 9EBF55

 8CBF1C

 A4BF68

 86BF09

 AABF7B

 83BF00

 B0BF8E

 B6BFA2

 BCBFB5

 C2BFC8

 C8BFDB

 CEBFEE

Harmonies

Analogous

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



D3AE31



98BF42



43C972

Triad

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



98BF42



00C7FF



FF7BB6

Complementary

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



98BF42



6942BF

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.



F88AF0



98BF42



00B9FF

Square

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



98BF42



00CEE9



AFA3FF



FF827C

Rectangle

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



98BF42



00CD99



AFA3FF



FF7ECA

Sweetspot

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



98BF42



E8F7C6



BF6842



747D5F



FCFCFC



7D7D7D

Same Dimension

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



98BF42



BAF734



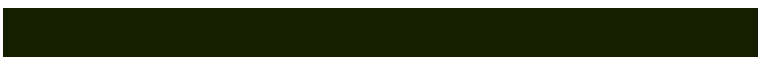
5BBF42



5B5E55



6D9E00



151F00

Inverse Universe

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



6942BF



7134F7



A642BF



58555E



31009E



0A001F

Previews

White Background



This preview shows how the Hex color 98BF42 looks on a white background.

Color Contrast Check

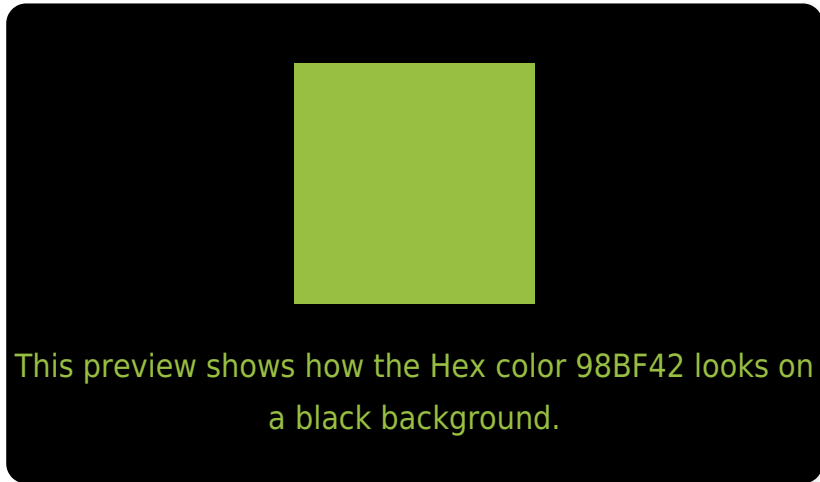
Large Text (above 18pt) WCAG AA × Fail

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 98BF42 Background



This preview shows how black text looks on a background with the Hex color 98BF42.



This preview shows how white text looks on a background with the Hex color 98BF42.

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
98BF42

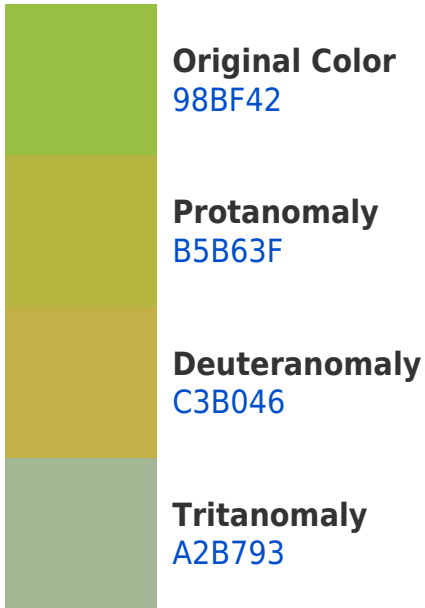
Protanopia
C6B13E

Deuteranopia
DCA849

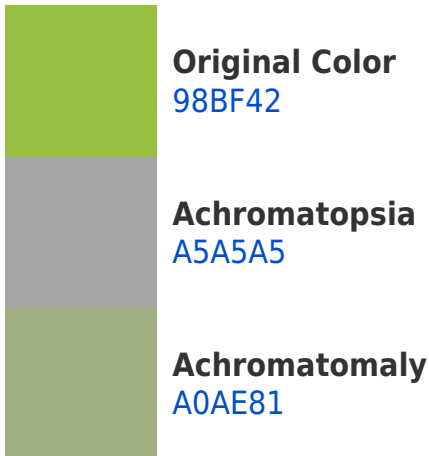


Tritanopia
A7B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 98BF42 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 #98BF42 looks like.

```
.text, #text, p{  
    color:#98BF42  
}
```

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 #98BF42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98BF42
}
```

Border

The CSS property to change the border of an element to Hex 98BF42 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
#98BF42 }
```

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

```
.border{ border-color:#98BF42 }
```

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

Here you see how a box with a 4 pixel #98BF42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98BF42; -webkit-box-shadow:4px 4px  
4px 4px #98BF42; box-shadow:4px 4px 4px  
4px #98BF42 }
```

Background

The CSS property to change the background color of an element to Hex 98BF42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98BF42 }
```

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

```
.background{ background-color:#98BF42 }
```

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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