

Converting Colors

Hex(98C83F)

Have a look what the booklet for
Hex(98C83F) contains.

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Color

Hex(98C83F)

Conversions

Conversions Part 1

Format	Color
Hex	98C83F
RGB	152, 200, 63
RGB Percent	60%, 78%, 25%
CMY	0.4039, 0.2157, 0.7529
CMYK	0.24, 0.00, 0.68, 0.22
HSL	81°, 55%, 52%
HSV	81°, 68%, 78%
XYZ	34.5004, 48.3428, 12.2154
YIQ	170.0300, 15.3690, -52.7830

Conversions

Conversions Part 2

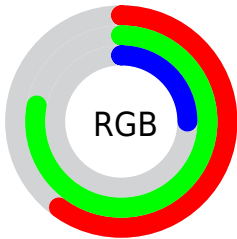
Format	Color
RYB	63, 200, 111
Decimal	10012735
CIELab	75.04, -35.75, 60.51
CIElCh	75, 70.278, 120.575
Yxy	48.3428, 0.3629, 0.5086
Android (android.graphics.Color)	4288202815 (0xFF98C83F)
YUV	170.0300, -52.7658, -15.8123
Hunter-Lab	69.5290, -33.1039, 38.2538

Details

The Hex color **98C83F** 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 **6F3FC8**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **D1FF76**, and **619200** is the 20% darker color. If you saturate the color by 10%, you get **91C82B**, and if you desaturate by 10%, it is **9FC853**.

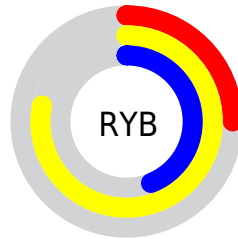
Distribution



Red (60%)

Green (78%)

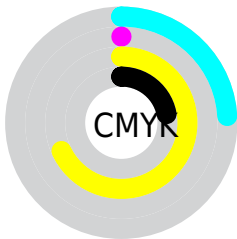
Blue (25%)



Red (25%)

Yellow (78%)

Blue (44%)

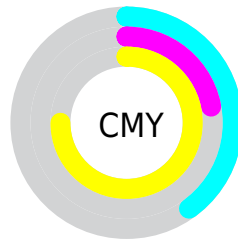


Cyan (24%)

Magenta (0%)

Yellow (68%)

Black (22%)



Cyan (40%)

Magenta (22%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 98C83F 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 98C83F by changing the saturation by 10% instead.



98C83F



98C83F

FFFFFF



7CAD21



D1FF76



619200



FFFF91



457800



FFFFAD



2A5F00



FFFFCA



044700



FFFFE7



003000



001A00



000000



98C83F



98C83F

 91C82B

 9FC853

 8AC817

 A6C867

 83C803

 ADC87B

 82C800

 B4C88F

 BBC8A3

 C2C8B7

 C9C8CB

 D0C8DF

 D7C8F3

Harmonies

Analogous

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



D9B627



98C83F



2ED376

Triad

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



98C83F



00D0FF



FF7BBA

Complementary

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



98C83F



6F3FC8

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.



FF8BF9



98C83F



00C0FF

Square

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



98C83F



00D7F9



BAA7FF



FF847B

Rectangle

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



98C83F



00D6A1



BAA7FF



FF7ED0

Sweetspot

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



98C83F



ECFFC9



C86F3F



748060



000000



808080

Same Dimension

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



98C83F



B6FF2E



54C83F



60635A



6AA300



172400

Inverse Universe

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



6F3FC8



772EFF



B33FC8



5D5A63



3900A3



0D0024

Previews

White Background



This preview shows how the Hex color 98C83F looks on a white background.

Color Contrast Check

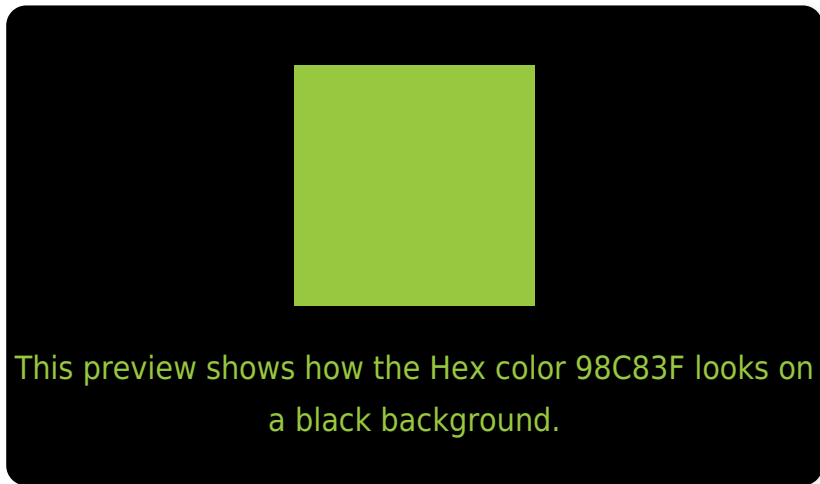
Large Text (above 18pt) WCAG AA × Fail

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 98C83F Background



This preview shows how black text looks on a background with the Hex color 98C83F.



This preview shows how white text looks on a background with the Hex color 98C83F.

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
98C83F

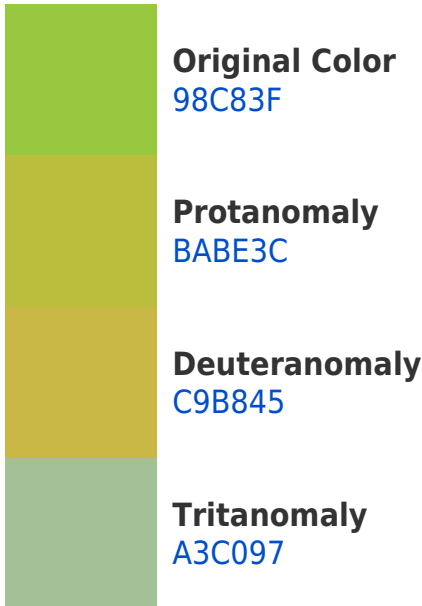
Protanopia
CEB83B

Deuteranopia
E5AF48

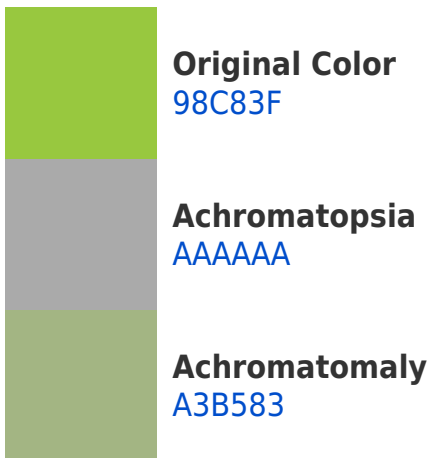


Tritanopia
A9BBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 98C83F 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 #98C83F looks like.

```
.text, #text, p{  
    color:#98C83F  
}
```

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 #98C83F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98C83F
}
```

Border

The CSS property to change the border of an element to Hex 98C83F 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
#98C83F }
```

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

```
.border{ border-color:#98C83F }
```

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

Here you see how a box with a 4 pixel #98C83F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98C83F; -webkit-box-shadow:4px 4px  
4px 4px #98C83F; box-shadow:4px 4px 4px  
4px #98C83F }
```

Background

The CSS property to change the background color of an element to Hex 98C83F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98C83F }
```

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

```
.background{ background-color:#98C83F }
```

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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