

Converting Colors

Hex(98BF51)

Have a look what the booklet for
Hex(98BF51) contains.

Hex(98BF51)	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(98BF51)

Conversions

Conversions Part 1

Format	Color
Hex	98BF51
RGB	152, 191, 81
RGB Percent	60%, 75%, 32%
CMY	0.4039, 0.2510, 0.6824
CMYK	0.20, 0.00, 0.58, 0.25
HSL	81°, 46%, 53%
HSV	81°, 58%, 75%
XYZ	33.0649, 44.5311, 14.6372
YIQ	166.7990, 12.0660, -42.4780

Conversions

Conversions Part 2

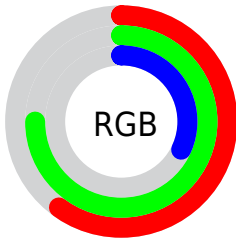
Format	Color
RYB	81, 191, 120
Decimal	10010449
CIELab	72.58, -30.17, 50.27
CIELCh	73, 58.630, 120.966
Yxy	44.5311, 0.3585, 0.4828
Android (android.graphics.Color)	4288200529 (0xFF98BF51)
YUV	166.7990, -42.2989, -12.9787
Hunter-Lab	66.7316, -28.3352, 33.7072

Details

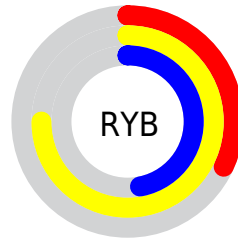
The Hex color **98BF51** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **7851BF**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **D0F886**, and **62891B** is the 20% darker color. If you saturate the color by 10%, you get **91BF3E**, and if you desaturate by 10%, it is **9FBF64**.

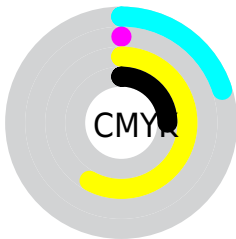
Distribution



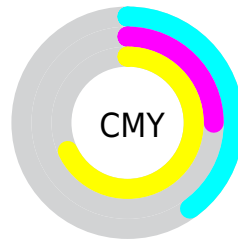
- Red (60%)
- Green (75%)
- Blue (32%)



- Red (32%)
- Yellow (75%)
- Blue (47%)



- Cyan (20%)
- Magenta (0%)
- Yellow (58%)
- Black (25%)



- Cyan (40%)
- Magenta (25%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 98BF51 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 98BF51 by changing the saturation by 10% instead.



98BF51



98BF51

FFFFFF



7DA437



D0F886



62891B



EDFFA1



487000



FFFFBD



2E5700



FFFFD9



113F00



FFFFF6



002900



001000



000000



98BF51



98BF51

91BF3E

9FBF64

8ABF2B

A6BF77

84BF18

ACBF8A

7DBF05

B3BF9D

7BBF00

BABFB1

C1BFC4

C7BFD7

CEBFEA

D5BFFD

Harmonies

Analogous

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



CEB041



98BF51



4EC87C

Triad

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



98BF51



00C5FF



FF83B2

Complementary

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



98BF51



7851BF

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.



F58EE7



98BF51



44B7FF

Square

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



98BF51



00CCE8



B7A3FF



FF897E

Rectangle

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



98BF51



00CC9F



B7A3FF



FF85C5

Sweetspot

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



98BF51



E8F7CD



BF7751



747D64



FCFCFC



7D7D7D

Same Dimension

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



98BF51



BBF74D



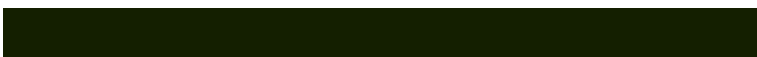
61BF51



5B5E55



669E00



141F00

Inverse Universe

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



7851BF



894DF7



AE51BF



58555E



38009E



0B001F

Previews

White Background



This preview shows how the Hex color 98BF51 looks on a white background.

Color Contrast Check

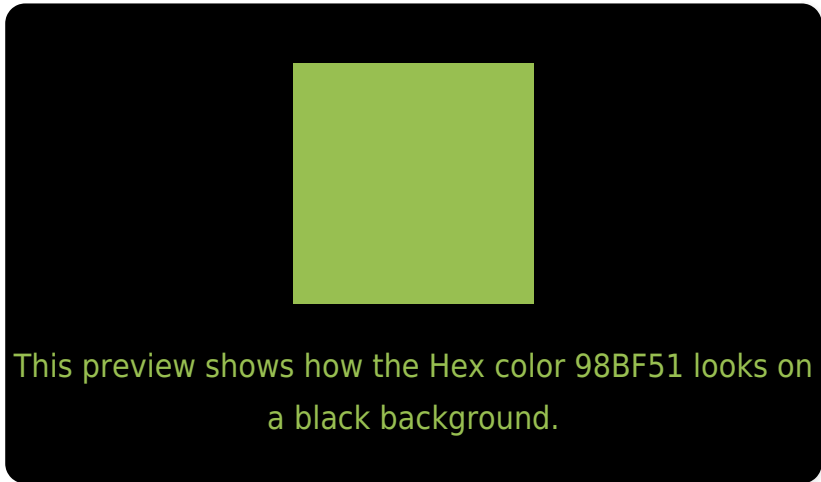
Large Text (above 18pt) WCAG AA × Fail

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 98BF51 Background



This preview shows how black text looks on a background with the Hex color 98BF51.

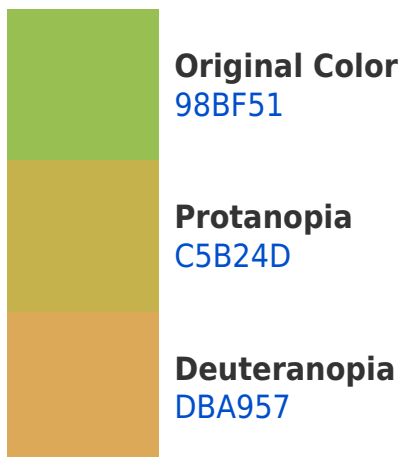


This preview shows how white text looks on a background with the Hex color 98BF51.

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](#).

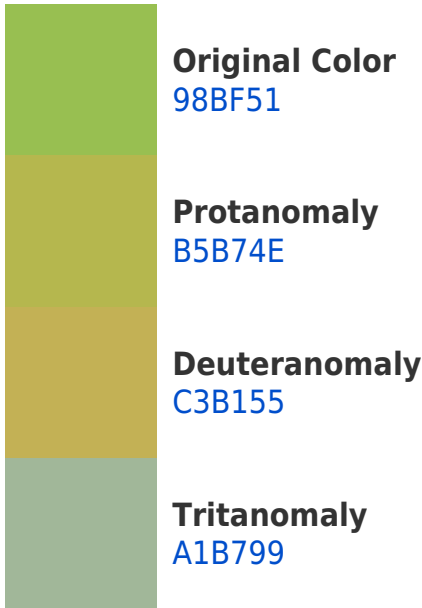
Dichromacy



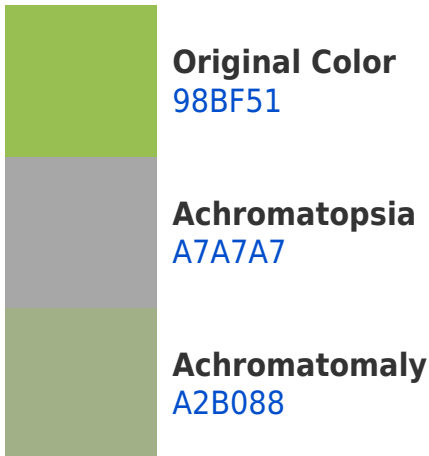


Tritanopia
A6B3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 98BF51 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 #98BF51 looks like.

```
.text, #text, p{  
    color:#98BF51  
}
```

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 #98BF51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98BF51
}
```

Border

The CSS property to change the border of an element to Hex 98BF51 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
#98BF51 }
```

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

```
.border{ border-color:#98BF51 }
```

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

Here you see how a box with a 4 pixel #98BF51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98BF51; -webkit-box-shadow:4px 4px  
4px 4px #98BF51; box-shadow:4px 4px 4px  
4px #98BF51 }
```

Background

The CSS property to change the background color of an element to Hex 98BF51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98BF51 }
```

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

```
.background{ background-color:#98BF51 }
```

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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