

# Converting Colors

Hex(98B45F)

Have a look what the booklet for  
Hex(98B45F) contains.

|  |    |
|--|----|
| <b>Hex(98B45F)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

Hex(98B45F)

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 98B45F                      |
| RGB         | 152, 180, 95                |
| RGB Percent | 60%, 71%, 37%               |
| CMY         | 0.4039, 0.2941, 0.6275      |
| CMYK        | 0.16, 0.00, 0.47, 0.29      |
| HSL         | 80°, 36%, 54%               |
| HSV         | 80°, 47%, 71%               |
| XYZ         | 31.3357, 40.1441, 16.9235   |
| YIQ         | 161.9380, 10.5970, -32.3710 |

# Conversions

## Conversions Part 2

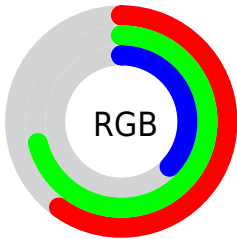
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 95, 180, 123                   |
| Decimal                             | 10007647                       |
| CIELab                              | 69.57, -23.43, 40.01           |
| CIELCh                              | 70, 46.363, 120.360            |
| Yxy                                 | 40.1441, 0.3545,<br>0.4541     |
| Android<br>(android.graphics.Color) | 4288197727<br>(0xFF98B45F)     |
| YUV                                 | 161.9380, -33.0004,<br>-8.7156 |
| Hunter-Lab                          | 63.3594, -22.5981,<br>28.5150  |

# Details

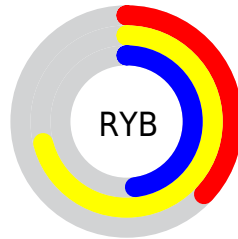
The Hex color **98B45F** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **7B5FB4**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **D0EC93**, and **637F2D** is the 20% darker color. If you saturate the color by 10%, you get **92B44D**, and if you desaturate by 10%, it is **9EB471**.

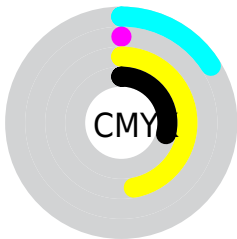
# Distribution



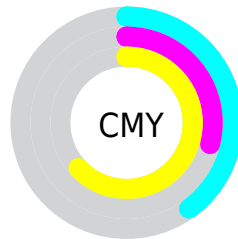
- Red (60%)
- Green (71%)
- Blue (37%)



- Red (37%)
- Yellow (71%)
- Blue (48%)



- Cyan (16%)
- Magenta (0%)
- Yellow (47%)
- Black (29%)



- Cyan (40%)
- Magenta (29%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98B45F 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 98B45F by changing the saturation by 10% instead.





98B45F



98B45F

FFFFFF



7D9946



D0EC93



637F2D



ECFFAE



4A6614



FFFCA



314E00



FFFE7



193700



002200



000000



98B45F



98B45F



92B44D



9EB471

 8CB43B

 A4B483

 86B429

 AAB495

 80B417

 B0B4A7

 7AB405

 B6B4B9

 79B400

 BCB4CB

 C2B4DD

 C7B4EF

 CDB4FF

# Harmonies

## Analogous

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



C3A854



98B45F



63BC7F

# Triad

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



98B45F



00B9F2



F787AB

# Complementary

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



98B45F



7B5FB4

# 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.



DF8FD4



98B45F



64AEFE

# Square

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



98B45F



00BFD3



AE9FF3



F88C82

# Rectangle

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



98B45F



30BF9A



AE9FF3



F289B9



# Sweetspot

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



98B45F



E0EBCA



B47A5F



6F7561



F5F5F5



757575



# Same Dimension

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



98B45F



BFE665



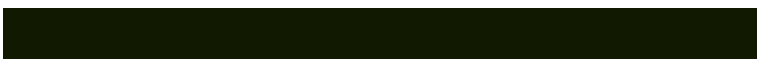
6FB45F



565950



679900



111A00



# Inverse Universe

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



7B5FB4



9165EB



A45FB4



535059



320099



08001A



# Previews

## White Background



This preview shows how the Hex color 98B45F looks on a white background.

## Color Contrast Check

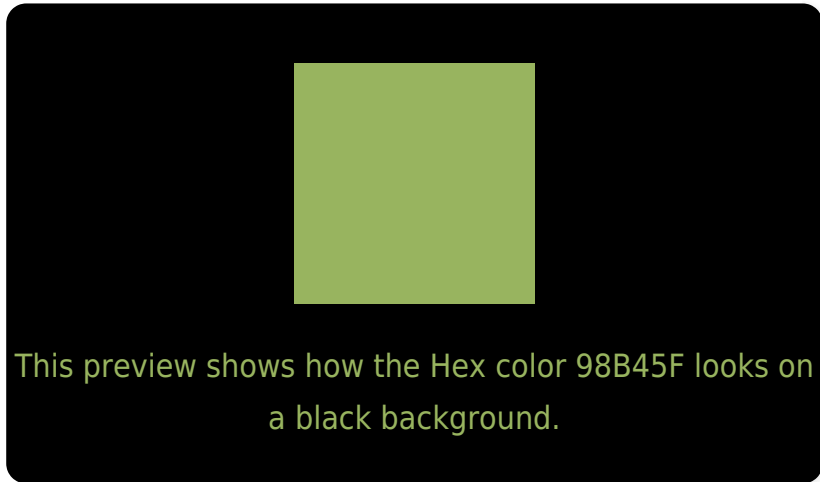
Large Text (above 18pt) WCAG AA × Fail

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

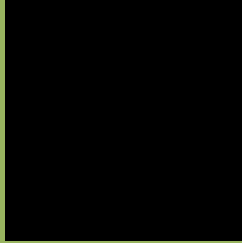
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 98B45F Background



This preview shows how black text looks on a background with the Hex color 98B45F.

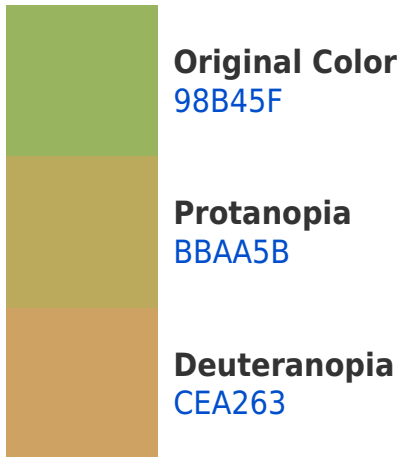


This preview shows how white text looks on a background with the Hex color 98B45F.

# 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](#).

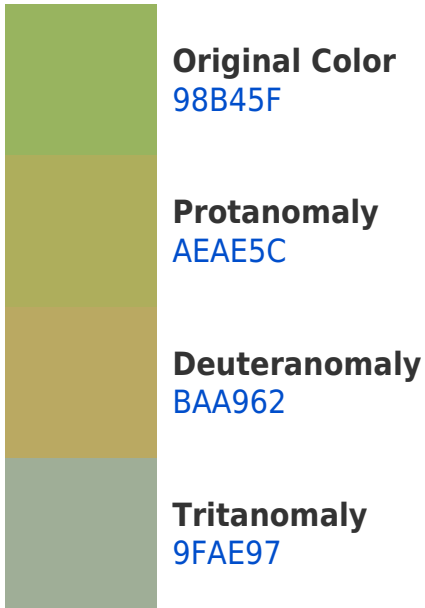
## Dichromacy



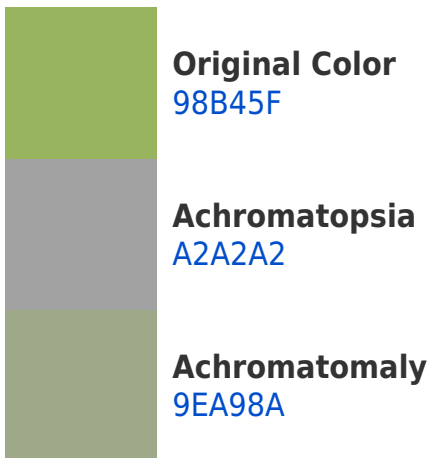


**Tritanopia**  
A3AAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98B45F 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 #98B45F looks like.

```
.text, #text, p{  
    color:#98B45F  
}
```

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 #98B45F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98B45F
}
```

## Border

The CSS property to change the border of an element to Hex 98B45F 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
#98B45F }
```

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

```
.border{ border-color:#98B45F }
```

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

Here you see how a box with a 4 pixel #98B45F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98B45F; -webkit-box-shadow:4px 4px  
4px 4px #98B45F; box-shadow:4px 4px 4px  
4px #98B45F }
```

# Background

The CSS property to change the background color of an element to Hex 98B45F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98B45F }
```

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

```
.background{ background-color:#98B45F }
```

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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