

Converting Colors

Hex(99A85F)

Have a look what the booklet for
Hex(99A85F) contains.

Hex(99A85F)	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(99A85F)

Conversions

Conversions Part 1

Format	Color
Hex	99A85F
RGB	153, 168, 95
RGB Percent	60%, 66%, 37%
CMY	0.4000, 0.3412, 0.6275
CMYK	0.09, 0.00, 0.43, 0.34
HSL	72°, 30%, 52%
HSV	72°, 43%, 66%
XYZ	29.2051, 35.6038, 16.1594
YIQ	155.1930, 14.4930, -25.8830

Conversions

Conversions Part 2

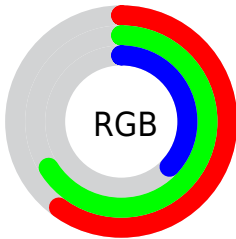
Format	Color
RYB	95, 168, 110
Decimal	10070111
CIELab	66.22, -16.98, 35.86
CIELCh	66, 39.680, 115.338
Yxy	35.6038, 0.3607, 0.4397
Android (android.graphics.Color)	4288260191 (0xFF99A85F)
YUV	155.1930, -29.6751, -1.9233
Hunter-Lab	59.6689, -17.0534, 25.7114

Details

The Hex color **99A85F** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6E5FA8**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **D0DF93**, and **64742E** is the 20% darker color. If you saturate the color by 10%, you get **96A84E**, and if you desaturate by 10%, it is **9CA870**.

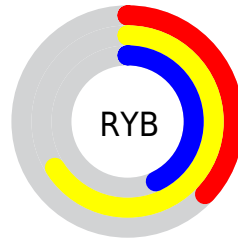
Distribution



Red (60%)

Green (66%)

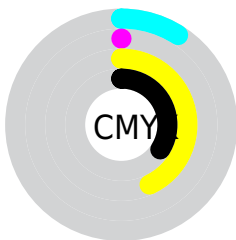
Blue (37%)



Red (37%)

Yellow (66%)

Blue (43%)

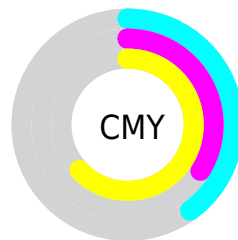


Cyan (9%)

Magenta (0%)

Yellow (43%)

Black (34%)



Cyan (40%)

Magenta (34%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99A85F 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 99A85F by changing the saturation by 10% instead.



99A85F



99A85F

FFFFFF



7E8E46



D0DF93



64742E



EDFCAE



4B5B16



FFFFC9



334400



FFFFE6



1C2E00



001A00



000000



99A85F



99A85F



96A84E



9CA870

■ 92A83D

■ A0A881

■ 8FA82D

■ A3A891

■ 8BA81C

■ A7A8A2

■ 88A80B

■ AAA8B3

■ 85A800

■ AEA8C4

■ B1A8D5

■ B5A8E5

■ B8A8F6

Harmonies

Analogous

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



BD9D59



99A85F



6FB077

Triad

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



99A85F



00AFDB



E185A8

Complementary

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



99A85F



6E5FA8

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.



C88DCA



99A85F



5FA6E8

Square

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



99A85F



00B3BE



9C9AE1



E58784

Rectangle

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



99A85F



4DB38E



9C9AE1



DB87B4

Sweetspot

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



99A85F



D5DBBF



A86E5F



6A6E5C



EDEDED



6E6E6E

Same Dimension

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



99A85F



C4DB69



75A85F



52544C



769400



101400

Inverse Universe

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



6E5FA8



8169DB



925FA8



4D4C54



1E0094



040014

Previews

White Background



This preview shows how the Hex color 99A85F looks on a white background.

Color Contrast Check

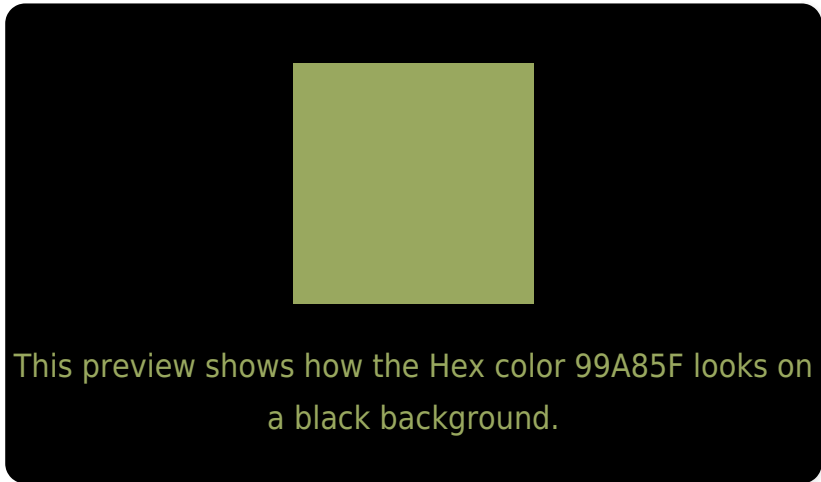
Large Text (above 18pt) WCAG AA × Fail

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 99A85F Background



This preview shows how black text looks on a background with the Hex color 99A85F.



This preview shows how white text looks on a background with the Hex color 99A85F.

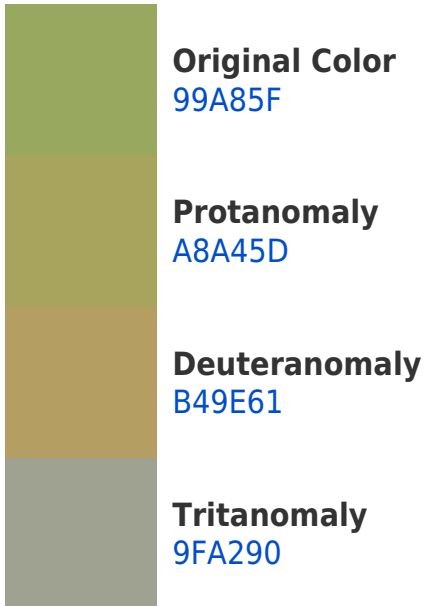
Color Blindness Simulation

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](#).

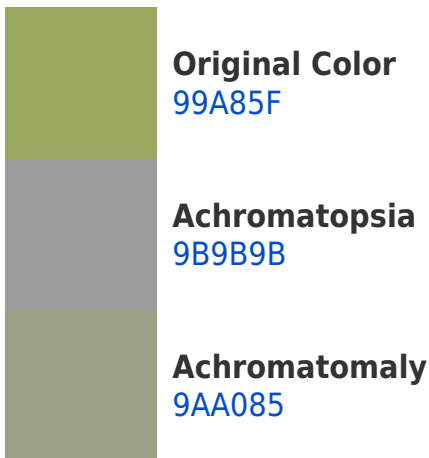
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99A85F 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 #99A85F looks like.

```
.text, #text, p{  
    color:#99A85F  
}
```

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 #99A85F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99A85F
}
```

Border

The CSS property to change the border of an element to Hex 99A85F 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
#99A85F }
```

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

```
.border{ border-color:#99A85F }
```

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

Here you see how a box with a 4 pixel #99A85F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99A85F; -webkit-box-shadow:4px 4px  
4px 4px #99A85F; box-shadow:4px 4px 4px  
4px #99A85F }
```

Background

The CSS property to change the background color of an element to Hex 99A85F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99A85F }
```

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

```
.background{ background-color:#99A85F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor