

Converting Colors

Hex(859F4D)

Have a look what the booklet for
Hex(859F4D) contains.

Hex(859F4D)	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(859F4D)

Conversions

Conversions Part 1

Format	Color
Hex	859F4D
RGB	133, 159, 77
RGB Percent	52%, 62%, 30%
CMY	0.4784, 0.3765, 0.6980
CMYK	0.16, 0.00, 0.52, 0.38
HSL	79°, 35%, 46%
HSV	79°, 52%, 62%
XYZ	23.4106, 30.3186, 11.6394
YIQ	141.8780, 10.8260, -31.0140

Conversions

Conversions Part 2

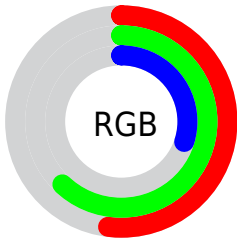
Format	Color
RYB	77, 159, 103
Decimal	8757069
CIELab	61.93, -22.48, 39.44
CIELCh	62, 45.395, 119.679
Yxy	30.3186, 0.3581, 0.4638
Android (android.graphics.Color)	4286947149 (0xFF859F4D)
YUV	141.8780, -31.9849, -7.7860
Hunter-Lab	55.0624, -20.4673, 26.0106

Details

The Hex color **859F4D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **674D9F**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **BCD680**, and **516B1C** is the 20% darker color. If you saturate the color by 10%, you get **809F3D**, and if you desaturate by 10%, it is **8A9F5D**.

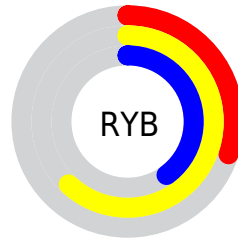
Distribution



Red (52%)

Green (62%)

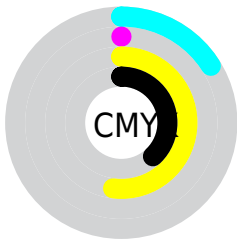
Blue (30%)



Red (30%)

Yellow (62%)

Blue (40%)

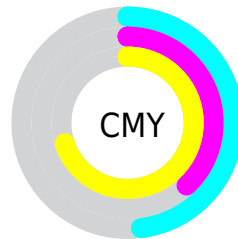


Cyan (16%)

Magenta (0%)

Yellow (52%)

Black (38%)



Cyan (48%)

Magenta (38%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 859F4D 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 859F4D by changing the saturation by 10% instead.



859F4D



859F4D

FFFFFF



6B8534



BCD680



516B1C



D8F29B



385300



F5FFB6



213C00



FFFFD2



052600



FFFEEF



000D00



000000



859F4D



859F4D



809F3D



8A9F5D

 7B9F2D

 8F9F6D

 769F1D

 949F7D

 719F0D

 999F8D

 6D9F00

 9E9F9D

 A39FAC

 A89FBC

 AD9FCC

 B29FDC

Harmonies

Analogous

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



AE9343



859F4D



52A76B

Triad

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



859F4D



00A4DA



DF7498

Complementary

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



859F4D



674D9F

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.



C77CBF



859F4D



4C9AE6

Square

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



859F4D



00A9BC



988BDC



E07870

Rectangle

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



859F4D



12A986



988BDC



D975A5

Sweetspot

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



859F4D



C5CFB0



9F674D



636956



E8E8E8



696969

Same Dimension

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



859F4D



A6CF4E



5C9F4D



4D4F47



628F00



0A0F00

Inverse Universe

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



674D9F



774ECF



904D9F



4A474F



2D008F



05000F

Previews

White Background



This preview shows how the Hex color 859F4D looks on a white background.

Color Contrast Check

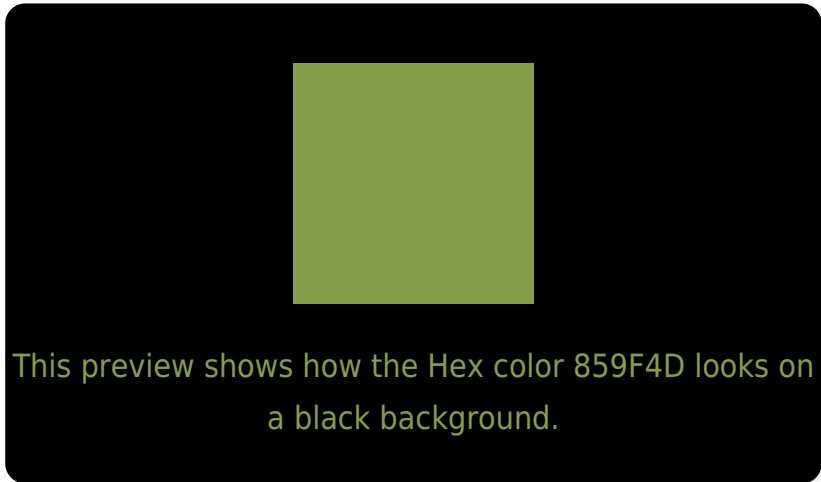
Large Text (above 18pt) WCAG AA × Fail

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

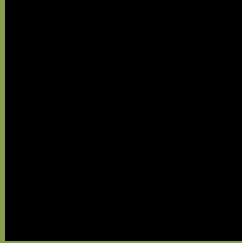
Any Text WCAG AA ✓ Pass

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 859F4D Background



This preview shows how black text looks on a background with the Hex color 859F4D.

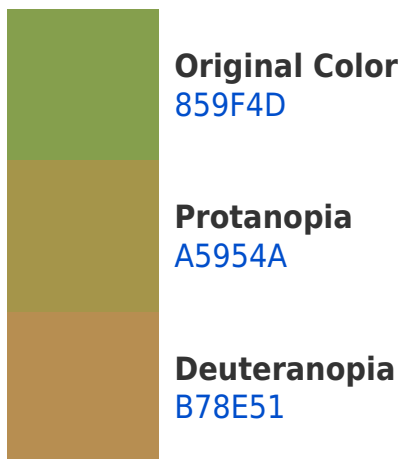


This preview shows how white text looks on a background with the Hex color 859F4D.

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](#).

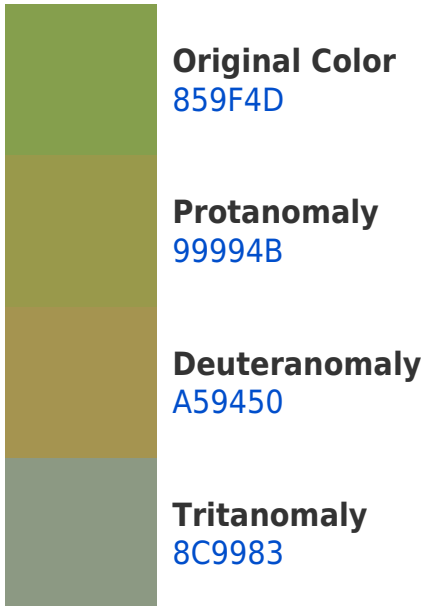
Dichromacy



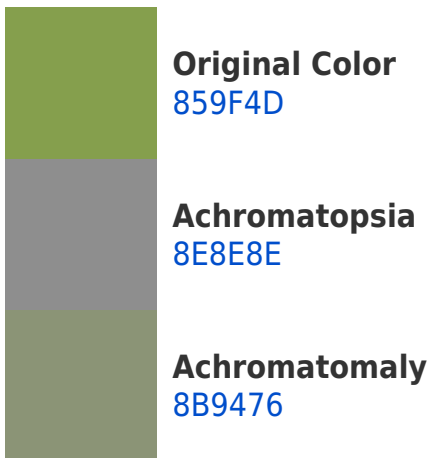


Tritanopia
9096A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 859F4D 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 #859F4D looks like.

```
.text, #text, p{  
    color:#859F4D  
}
```

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 #859F4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #859F4D
}
```

Border

The CSS property to change the border of an element to Hex 859F4D 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
#859F4D }
```

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

```
.border{ border-color:#859F4D }
```

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

Here you see how a box with a 4 pixel #859F4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #859F4D; -webkit-box-shadow:4px 4px  
4px 4px #859F4D; box-shadow:4px 4px 4px  
4px #859F4D }
```

Background

The CSS property to change the background color of an element to Hex 859F4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#859F4D }
```

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

```
.background{ background-color:#859F4D }
```

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