

Converting Colors

Hex(859745)

Have a look what the booklet for
Hex(859745) contains.

Hex(859745)	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(859745)

Conversions

Conversions Part 1

Format	Color
Hex	859745
RGB	133, 151, 69
RGB Percent	52%, 59%, 27%
CMY	0.4784, 0.4078, 0.7294
CMYK	0.12, 0.00, 0.54, 0.41
HSL	73°, 37%, 43%
HSV	73°, 54%, 59%
XYZ	21.8137, 27.5494, 9.7981
YIQ	136.2700, 15.5940, -29.3180

Conversions

Conversions Part 2

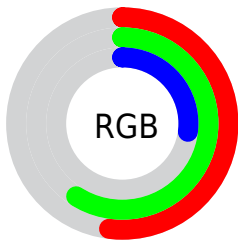
Format	Color
RYB	69, 151, 87
Decimal	8755013
CIELab	59.48, -19.22, 40.51
CIElCh	59, 44.840, 115.377
Yxy	27.5494, 0.3687, 0.4657
Android (android.graphics.Color)	4286945093 (0xFF859745)
YUV	136.2700, -33.1641, -2.8678
Hunter-Lab	52.4876, -17.6692, 25.6733

Details

The Hex color **859745** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **574597**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **BCCD78**, and **516413** is the 20% darker color. If you saturate the color by 10%, you get **829736**, and if you desaturate by 10%, it is **889754**.

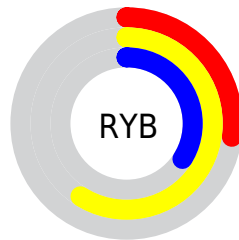
Distribution



Red (52%)

Green (59%)

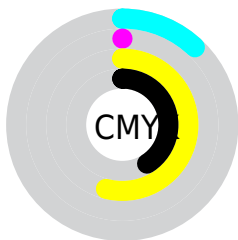
Blue (27%)



Red (27%)

Yellow (59%)

Blue (34%)

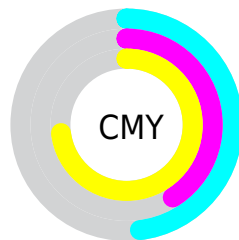


Cyan (12%)

Magenta (0%)

Yellow (54%)

Black (41%)



Cyan (48%)

Magenta (41%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 859745 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 859745 by changing the saturation by 10% instead.



859745



859745

FFFFFF



6B7D2C



BCCD78



516413



D8E992



384C00



F5FFAD



213500



FFFFC9



032000



FFFFE5



000000



859745



859745



829736



889754



7E9727



8C9763

 7B9718

 8F9772

 789709

 929781

 769700

 969791

 9997A0

 9C97AF

 A097BE

 A397CD

Harmonies

Analogous

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



AC8B3E



859745



559F61

Triad

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



859745



009FCF



D56E97

Complementary

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



859745



574597

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.



BA78BD



859745



3495DD

Square

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



859745



00A3B0



8887D7



D97170

Rectangle

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



859745



21A27A



8887D7



CE70A4

Sweetspot

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



859745



BDC4A5



975745



5F6351



E3E3E3



636363

Same Dimension

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



859745



A8C445



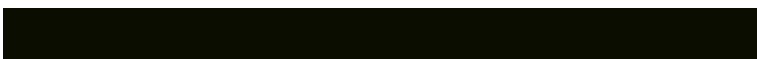
5C9745



4B4D45



6D8C00



0A0D00

Inverse Universe

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



574597



6145C4



804597



47454D



1F008C



03000D

Previews

White Background



This preview shows how the Hex color 859745 looks on a white background.

Color Contrast Check

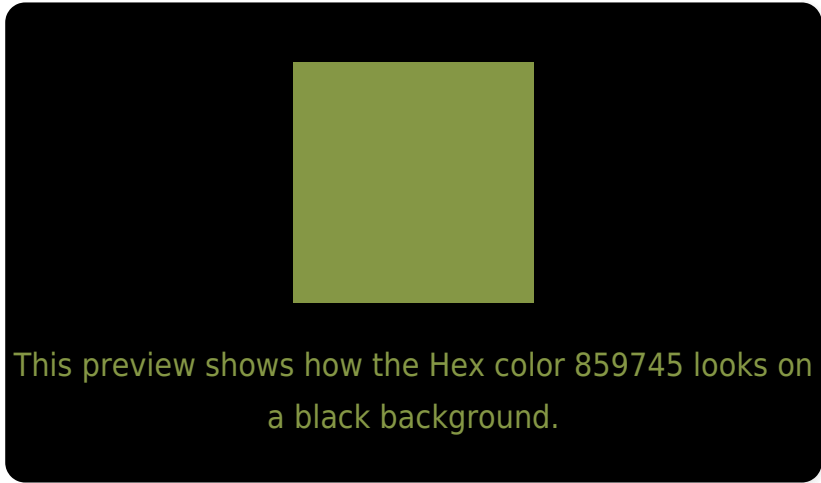
Large Text (above 18pt) WCAG AA ✓ Pass

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

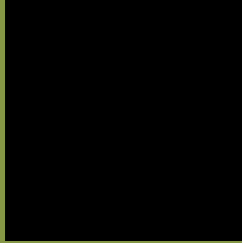
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 859745 Background



This preview shows how black text looks on a background with the Hex color 859745.



This preview shows how white text looks on a background with the Hex color 859745.

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](#).

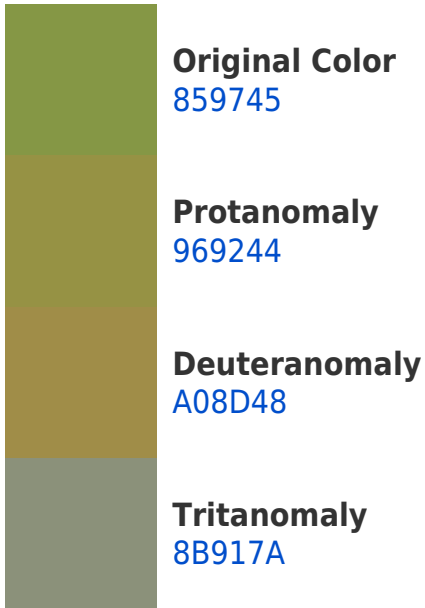
Dichromacy



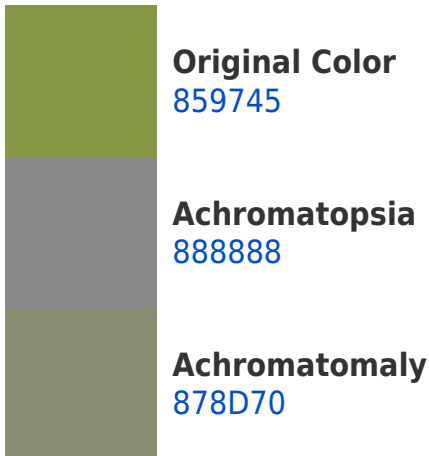


Tritanopia
8F8E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 859745 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 #859745 looks like.

```
.text, #text, p{  
    color:#859745  
}
```

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 #859745 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #859745
}
```

Border

The CSS property to change the border of an element to Hex 859745 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
#859745 }
```

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

```
.border{ border-color:#859745 }
```

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

Here you see how a box with a 4 pixel #859745 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #859745; -webkit-box-shadow:4px 4px  
4px 4px #859745; box-shadow:4px 4px 4px  
4px #859745 }
```

Background

The CSS property to change the background color of an element to Hex 859745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#859745 }
```

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

```
.background{ background-color:#859745 }
```

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