

# Converting Colors

Hex(859865)

Have a look what the booklet for  
Hex(859865) contains.

|  |    |
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**Color**

**Hex(859865)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 859865                     |
| RGB           | 133, 152, 101              |
| RGB Percent   | 52%, 60%, 40%              |
| CMY           | 0.4784, 0.4039, 0.6039     |
| CMYK          | 0.12, 0.00, 0.34, 0.40     |
| HSL           | 82°, 20%, 50%              |
| HSV           | 82°, 34%, 60%              |
| XYZ           | 23.2501, 28.3826, 16.5649  |
| YIQ           | 140.5050, 5.0470, -19.8890 |

# Conversions

## Conversions Part 2

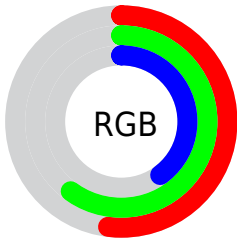
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 101, 152, 120                  |
| Decimal                             | 8755301                        |
| CIELab                              | 60.23, -15.89, 24.67           |
| CIElCh                              | 60, 29.341, 122.782            |
| Yxy                                 | 28.3826, 0.3409,<br>0.4162     |
| Android<br>(android.graphics.Color) | 4286945381<br>(0xFF859865)     |
| YUV                                 | 140.5050, -19.4760,<br>-6.5819 |
| Hunter-Lab                          | 53.2753, -15.3320,<br>18.8577  |

# Details

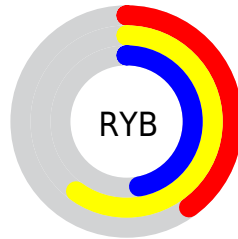
The Hex color **859865** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **786598**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **BBCE98**, and **536535** is the 20% darker color. If you saturate the color by 10%, you get **7F9856**, and if you desaturate by 10%, it is **8B9874**.

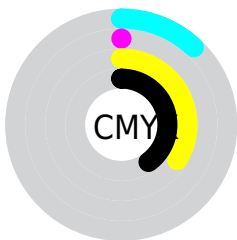
# Distribution



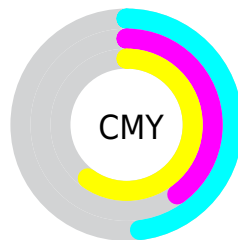
- Red (52%)
- Green (60%)
- Blue (40%)



- Red (40%)
- Yellow (60%)
- Blue (47%)



- Cyan (12%)
- Magenta (0%)
- Yellow (34%)
- Black (40%)



- Cyan (48%)
- Magenta (40%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 859865 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 859865 by changing the saturation by 10% instead.



 859865

 859865

FFFFFF

 6B7E4D

 BBCE98

 536535

 D7EBB3

 3B4D1F

 F3FFCF

 243608

 FFFFEB

 0E2100

 000200

 000000

 859865

 859865

 7F9856

 8B9874

 7A9847

 909883

 749837

 969893

 6E9828

 9C98A2

 699819

 A198B1

 63980A

 A798C0

 5F9800

 AD98CF

 B298DF

 B898EE

# Harmonies

## Analogous

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



A1905D



859865



669D79

# Triad

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



859865



4B9ABE



C37E90

# Complementary

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



859865



786598

# 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.



B481A9



859865



7293C4

# Square

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



859865



379EAC



988ABD



C38076

# Rectangle

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



859865



529F8A



988ABD



BF7E99



# Sweetspot

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



859865



BDC4B1



987865



5F6358



E3E3E3



636363



# Same Dimension

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



859865



A7C476



6C9865



4A4D45



588C00



080D00



# Inverse Universe

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



786598



9376C4



916598



48454D



34008C



05000D



# Previews

## White Background



This preview shows how the Hex color 859865 looks on a white background.

## Color Contrast Check

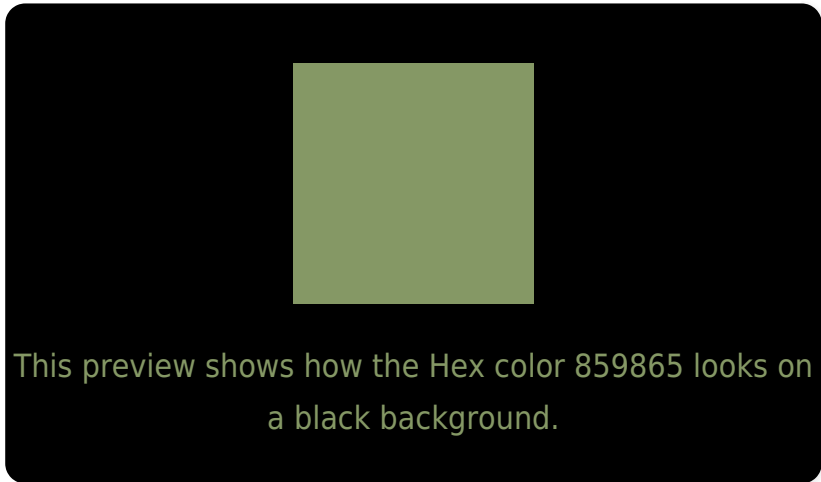
Large Text (above 18pt) WCAG AA ✓ Pass

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

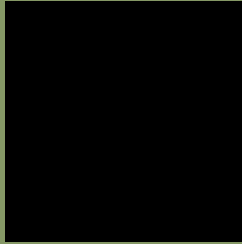
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 859865 Background



This preview shows how black text looks on a background with the Hex color 859865.



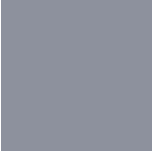
This preview shows how white text looks on a background with the Hex color 859865.

# 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



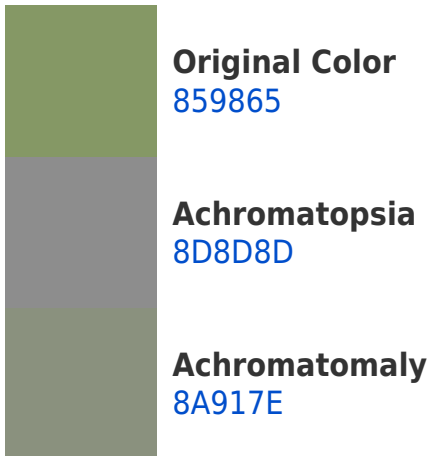


**Tritanopia**  
8D919D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 859865 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 #859865 looks like.

```
.text, #text, p{  
    color:#859865  
}
```

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 #859865 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #859865
}
```

## Border

The CSS property to change the border of an element to Hex 859865 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
#859865 }
```

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

```
.border{ border-color:#859865 }
```

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

Here you see how a box with a 4 pixel #859865 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #859865; -webkit-box-shadow:4px 4px  
4px 4px #859865; box-shadow:4px 4px 4px  
4px #859865 }
```

# Background

The CSS property to change the background color of an element to Hex 859865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#859865 }
```

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

```
.background{ background-color:#859865 }
```

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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