

# Converting Colors

Hex(859F93)

Have a look what the booklet for  
Hex(859F93) contains.

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# **Color**

**Hex(859F93)**

# Conversions

## Conversions Part 1

Format	Color
Hex	859F93
RGB	133, 159, 147
RGB Percent	52%, 62%, 58%
CMY	0.4784, 0.3765, 0.4235
CMYK	0.16, 0.00, 0.08, 0.38
HSL	152°, 12%, 57%
HSV	152°, 16%, 62%
XYZ	27.3375, 31.8894, 32.3182
YIQ	149.8580, -11.6440, -9.2440

# Conversions

## Conversions Part 2

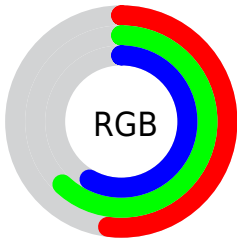
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 150, 159
Decimal	8757139
CIELab	63.25, -11.55, 3.23
CIELCh	63, 11.996, 164.384
Yxy	31.8894, 0.2986, 0.3483
Android (android.graphics.Color)	4286947219 (0xFF859F93)
YUV	149.8580, -1.4090, -14.7845
Hunter-Lab	56.4707, -12.4119, 5.5978

# Details

The Hex color **859F93** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9F8591**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **BAD6C9**, and **536C60** is the 20% darker color. If you saturate the color by 10%, you get **759F8C**, and if you desaturate by 10%, it is **959F9A**.

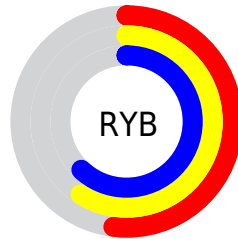
# Distribution



Red (52%)

Green (62%)

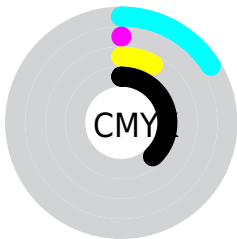
Blue (58%)



Red (52%)

Yellow (59%)

Blue (62%)

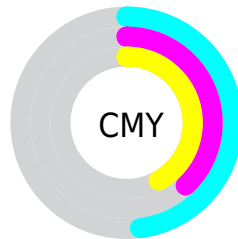


Cyan (16%)

Magenta (0%)

Yellow (8%)

Black (38%)



Cyan (48%)

Magenta (38%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 859F93 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 859F93 by changing the saturation by 10% instead.





859F93



859F93

FFFFFF



6C8579



BAD6C9



536C60



D6F2E5



3C5349



F3FFFF



253C32



10261D



001203



000000



859F93



859F93



759F8C



959F9A

 659F84

 A59FA2

 559F7D

 B59FA9

 459F76

 C59FB0

 369F6E

 D59FB8

 269F67

 E49FBF

 169F60

 F49FC6

 069F58

 FF9FCE

 009F56

 FF9FD5

# Harmonies

## Analogous

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



909D8A



859F93



7F9F9E

# Triad

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



859F93



9498AE



AE938B

# Complementary

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



859F93



9F8591

# 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.



B09294



859F93



A195A8

# Square

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



859F93



879CAD



AB929F



A79685

# Rectangle

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



859F93



7E9FA5



AB929F



AF938E



# Sweetspot

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



859F93



C4CFCA



919F85



626966



E8E8E8



696969



# Same Dimension

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



859F93



A5CFBB



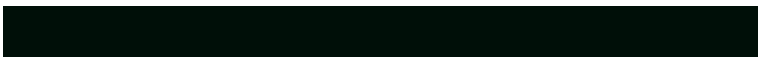
859E9F



474F4B



008F4D



000F08



# Inverse Universe

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



9F8591



CFA5B8



9F8685



4F474B



8F0042

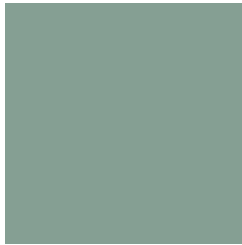


0F0007



# Previews

## White Background



This preview shows how the Hex color 859F93 looks on a white background.

## Color Contrast Check

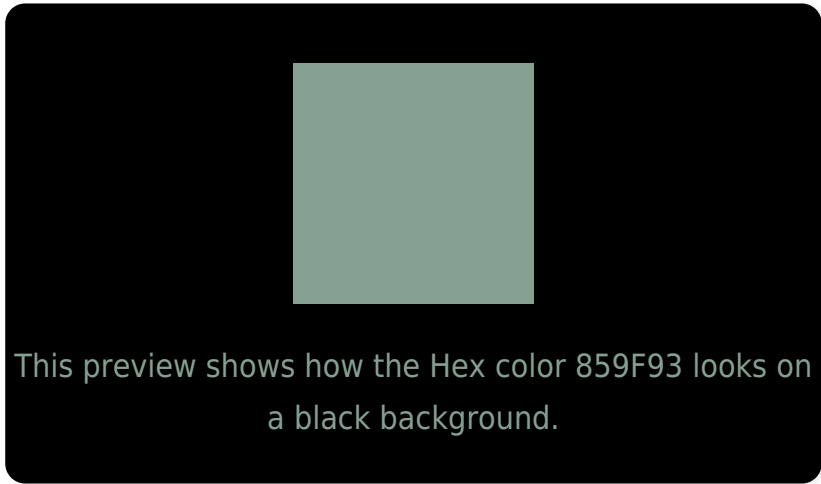
Large Text (above 18pt) WCAG AA × Fail

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

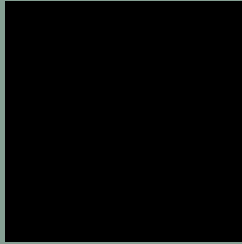
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 859F93 Background



This preview shows how black text looks on a background with the Hex color 859F93.

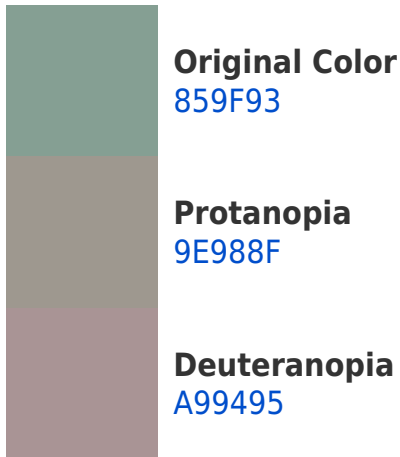


This preview shows how white text looks on a background with the Hex color 859F93.

# 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



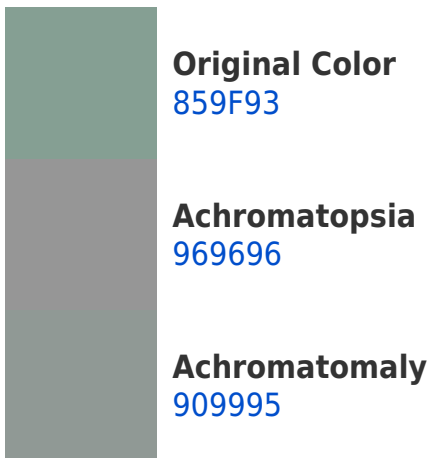


**Tritanopia**  
899CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 859F93 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 #859F93 looks like.

```
.text, #text, p{  
    color:#859F93  
}
```

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 #859F93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #859F93  
}
```

## Border

The CSS property to change the border of an element to Hex 859F93 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  
#859F93 }
```

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

```
.border{ border-color:#859F93 }
```

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

Here you see how a box with a 4 pixel #859F93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #859F93; -webkit-box-shadow:4px 4px  
4px 4px #859F93; box-shadow:4px 4px 4px  
4px #859F93 }
```

# Background

The CSS property to change the background color of an element to Hex 859F93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#859F93 }
```

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

```
.background{ background-color:#859F93 }
```

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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