

# Converting Colors

Hex(858C9E)

Have a look what the booklet for  
Hex(858C9E) contains.

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# Color

Hex(858C9E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	858C9E
RGB	133, 140, 158
RGB Percent	52%, 55%, 62%
CMY	0.4784, 0.4510, 0.3804
CMYK	0.16, 0.11, 0.00, 0.38
HSL	223°, 11%, 57%
HSV	223°, 16%, 62%
XYZ	25.2225, 26.2113, 36.0777
YIQ	139.9590, -9.9500, 4.1140

# Conversions

## Conversions Part 2

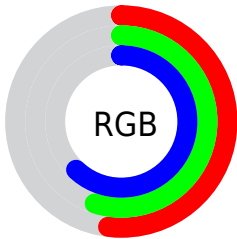
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 138, 158
Decimal	8752286
CIE <sub>Lab</sub>	58.24, 1.32, -10.40
CIE <sub>LCh</sub>	58, 10.484, 277.229
Yxy	26.2113, 0.2882, 0.2995
Android (android.graphics.Color)	4286942366 (0xFF858C9E)
YUV	139.9590, 8.8942, -6.1030
Hunter-Lab	51.1970, -1.6557, -5.9428

# Details

The Hex color **858C9E** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9E9785**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **BAC1D5**, and **535A6B** is the 20% darker color. If you saturate the color by 10%, you get **75819E**, and if you desaturate by 10%, it is **95979E**.

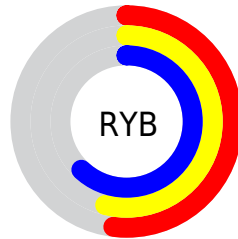
# Distribution



Red (52%)

Green (55%)

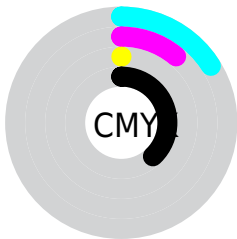
Blue (62%)



Red (52%)

Yellow (54%)

Blue (62%)

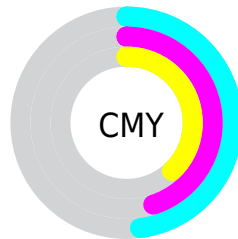


Cyan (16%)

Magenta (11%)

Yellow (0%)

Black (38%)



Cyan (48%)

Magenta (45%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 858C9E 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 858C9E by changing the saturation by 10% instead.



■ 858C9E

■ 858C9E

FFFFFF

■ 6C7384

■ BAC1D5

■ 535A6B

■ D6DDF1

■ 3C4352

■ F3FAFF

■ 262D3B

■ 111826

■ 000111

■ 000000

■ 858C9E

■ 858C9E

■ 75819E

■ 95979E

■ 65759E

■ A5A39E

■ 566A9E

■ B4AE9E

■ 465E9E

■ C4BA9E

■ 36539E

■ D4C59E

■ 26489E

■ E4D09E

■ 163C9E

■ F4DC9E

■ 07319E

■ FFE79E

■ 002C9E

■ FFF29E

# Harmonies

## Analogous

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



7B8F9D



858C9E



91899B

# Triad

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



858C9E



9F8781



7D9185

# Complementary

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



858C9E



9E9785

# 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.



878F7D



858C9E



9A897B

# Square

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



858C9E



9F868A



918C7A



76918E

# Rectangle

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



858C9E



978796



918C7A



809082



# Sweetspot

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



858C9E



C4C7CF



859E97



626469



E8E8E8



696969



# Same Dimension

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



858C9E



A7B2CF



8A859E



47494F



00288F



00040F



# Inverse Universe

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



9E858C



CFA7B2



999E85



4F4749



8F0028

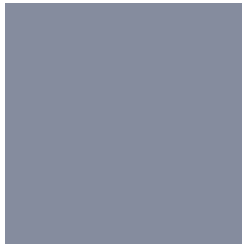


0F0004



# Previews

## White Background



This preview shows how the Hex color 858C9E looks on a white background.

## Color Contrast Check

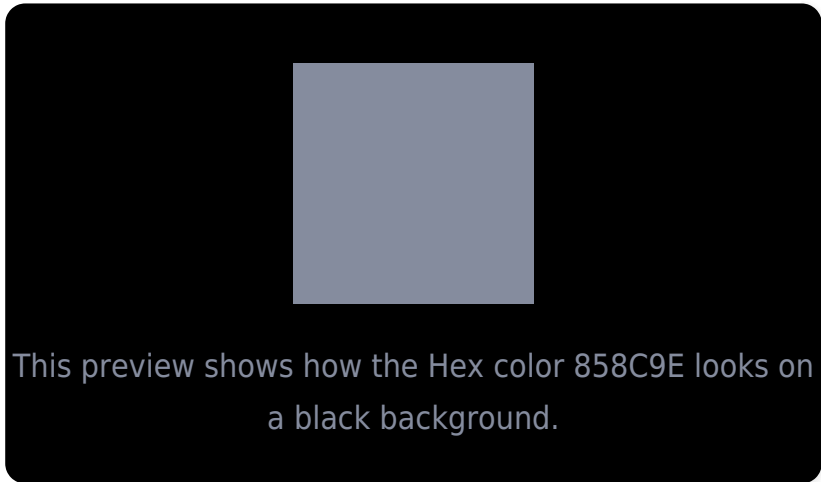
Large Text (above 18pt) WCAG AA ✓ Pass

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

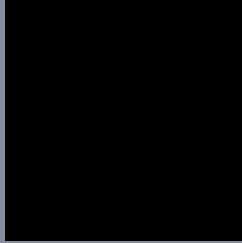
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

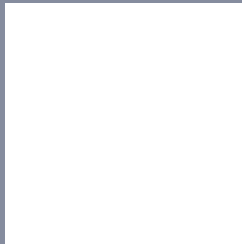
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 858C9E Background



This preview shows how black text looks on a background with the Hex color 858C9E.



This preview shows how white text looks on a background with the Hex color 858C9E.

# 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



**Original Color**  
858C9E

**Protanopia**  
898B9D

**Deuteranopia**  
91889F



**Tritanopia**  
848D98

# Trichromacy



**Original Color**  
858C9E

**Protanomaly**  
888B9D

**Deuteranomaly**  
8D899F

**Tritanomaly**  
848D9A

# Monochromacy



**Original Color**  
858C9E

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
898C93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 858C9E 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 #858C9E looks like.

```
.text, #text, p{  
    color:#858C9E  
}
```

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 #858C9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #858C9E
}
```

## Border

The CSS property to change the border of an element to Hex 858C9E is called "border". The border property can be set on classes, ids or directly on the HTML element.

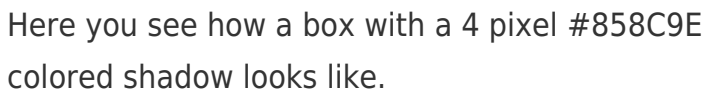
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#858C9E }
```

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

```
.border{ border-color:#858C9E }
```

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

A rectangular box with a 4px blue shadow. The box is white with a thin blue border and a blue shadow that is 4 pixels wide and 4 pixels high, extending to the right and bottom of the box. The shadow is a darker shade of blue.

Here you see how a box with a 4 pixel #858C9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #858C9E; -webkit-box-shadow:4px 4px  
4px 4px #858C9E; box-shadow:4px 4px 4px  
4px #858C9E }
```

# Background

The CSS property to change the background color of an element to Hex 858C9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#858C9E }
```

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

```
.background{ background-color:#858C9E }
```

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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