

# Converting Colors

Hex(848C8F)

Have a look what the booklet for  
Hex(848C8F) contains.

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# Color

**Hex(848C8F)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 848C8F                     |
| RGB           | 132, 140, 143              |
| RGB Percent   | 52%, 55%, 56%              |
| CMY           | 0.4824, 0.4510, 0.4392     |
| CMYK          | 0.08, 0.02, 0.00, 0.44     |
| HSL           | 196°, 5%, 54%              |
| HSV           | 196°, 8%, 56%              |
| XYZ           | 23.8517, 25.6449, 29.6794  |
| YIQ           | 137.9500, -5.7310, -0.7630 |

# Conversions

## Conversions Part 2

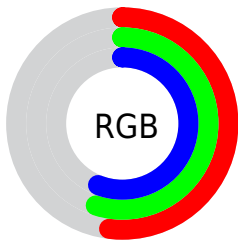
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 132, 137, 143                |
| Decimal                             | 8686735                      |
| CIE <sub>Lab</sub>                  | 57.70, -2.29, -2.61          |
| CIE <sub>LCh</sub>                  | 58, 3.471, 228.763           |
| Yxy                                 | 25.6449, 0.3012,<br>0.3239   |
| Android<br>(android.graphics.Color) | 4286876815<br>(0xFF848C8F)   |
| YUV                                 | 137.9500, 2.4897,<br>-5.2181 |
| Hunter-Lab                          | 50.6408, -4.5481,<br>0.7000  |

# Details

The Hex color **848C8F** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8F8784**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **B9C2C5**, and **535A5D** is the 20% darker color. If you saturate the color by 10%, you get **76888F**, and if you desaturate by 10%, it is **92908F**.

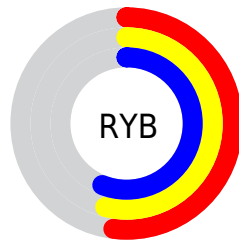
# Distribution



Red (52%)

Green (55%)

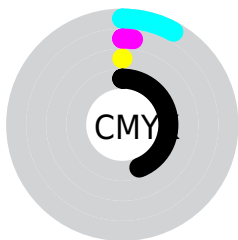
Blue (56%)



Red (52%)

Yellow (54%)

Blue (56%)

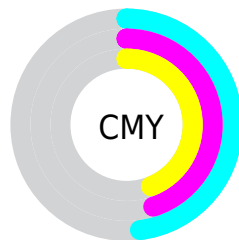


Cyan (8%)

Magenta (2%)

Yellow (0%)

Black (44%)



Cyan (48%)

Magenta (45%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 848C8F 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 848C8F by changing the saturation by 10% instead.





848C8F



848C8F

FFFFFF



6B7375



B9C2C5



535A5D



D5DDE1



3B4345



F1FAFD



262D2F



11181A



000000



848C8F



848C8F



76888F



92908F



67848F



A1948F

■ 59808F

■ AF988F

■ 4B7C8F

■ BD9C8F

■ 3D798F

■ CC9F8F

■ 2E758F

■ DAA38F

■ 20718F

■ E8A78F

■ 126D8F

■ F6AB8F

■ 03698F

■ FFAF8F

# Harmonies

## Analogous

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



838C8C



848C8F



868B90

# Triad

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



848C8F



90898C



8B8B85

# Complementary

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



848C8F



8F8784

# 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.



8E8A85



848C8F



918989

# Square

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



848C8F



8E898F



918986



888C87

# Rectangle

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



848C8F



898B91



918986



8C8B85



# Sweetspot

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



848C8F



B6B9BA



848F87



5C5E5E



DEDEDE



5E5E5E



# Same Dimension

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



848C8F



A9B6BA



84878F



404547



006287



000608



# Inverse Universe

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



8F848C



BAA9B6



8F8C84



474045



870062



080006



# Previews

## White Background



This preview shows how the Hex color 848C8F looks on a white background.

## Color Contrast Check

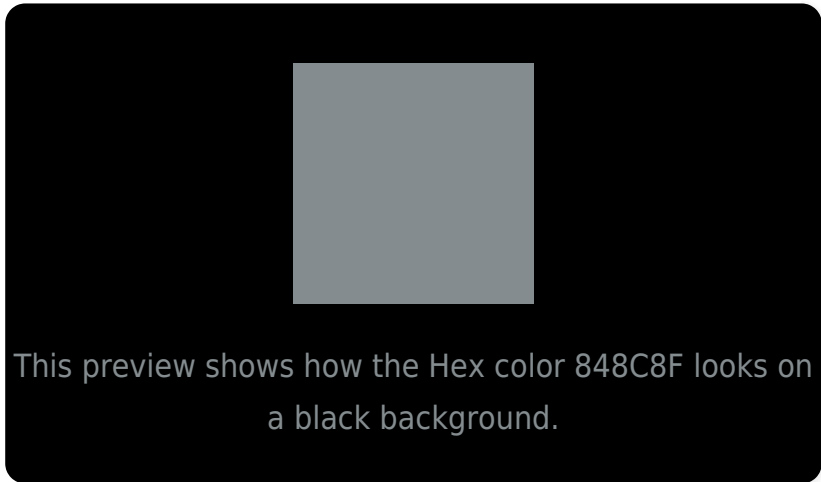
Large Text (above 18pt) WCAG AA ✓ Pass

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

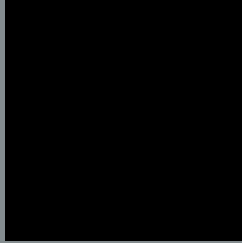
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

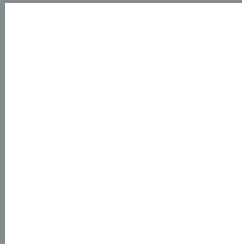
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 848C8F Background



This preview shows how black text looks on a background with the Hex color 848C8F.



This preview shows how white text looks on a background with the Hex color 848C8F.

# 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**

848C8F

**Protanopia**

8C8A8E

**Deuteranopia**

958690



**Tritanopia**  
858B96

# Trichromacy



**Original Color**  
848C8F

**Protanomaly**  
898B8E

**Deuteranomaly**  
8F8890

**Tritanomaly**  
858B93

# Monochromacy



**Original Color**  
848C8F

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
888B8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 848C8F 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 #848C8F looks like.

```
.text, #text, p{  
    color:#848C8F  
}
```

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 #848C8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #848C8F
}
```

## Border

The CSS property to change the border of an element to Hex 848C8F is called "border". The border property can be set on classes, ids or directly on the HTML element.

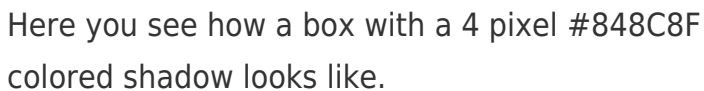
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#848C8F }
```

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

```
.border{ border-color:#848C8F }
```

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



Here you see how a box with a 4 pixel #848C8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #848C8F; -webkit-box-shadow:4px 4px  
4px 4px #848C8F; box-shadow:4px 4px 4px  
4px #848C8F }
```

# Background

The CSS property to change the background color of an element to Hex 848C8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#848C8F }
```

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

```
.background{ background-color:#848C8F }
```

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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