

# Converting Colors

Hex(83898F)

Have a look what the booklet for  
Hex(83898F) contains.

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# Color

**Hex(83898F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	83898F
RGB	131, 137, 143
RGB Percent	51%, 54%, 56%
CMY	0.4863, 0.4627, 0.4392
CMYK	0.08, 0.04, 0.00, 0.44
HSL	210°, 5%, 54%
HSV	210°, 8%, 56%
XYZ	23.2637, 24.6998, 29.5280
YIQ	135.8900, -5.5020, 0.5940

# Conversions

## Conversions Part 2

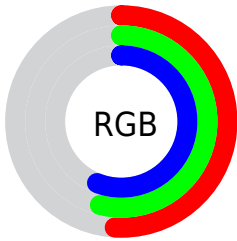
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 135, 143
Decimal	8620431
CIE <sub>Lab</sub>	56.78, -0.95, -3.97
CIE <sub>LCh</sub>	57, 4.082, 256.535
Yxy	24.6998, 0.3002, 0.3187
Android (android.graphics.Color)	4286810511 (0xFF83898F)
YUV	135.8900, 3.5052, -4.2885
Hunter-Lab	49.6989, -3.4186, -0.4372

# Details

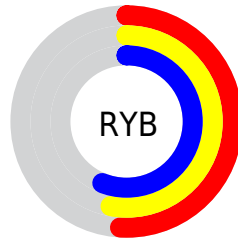
The Hex color **83898F** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8F8983**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B8BEC5**, and **52575D** is the 20% darker color. If you saturate the color by 10%, you get **75828F**, and if you desaturate by 10%, it is **91908F**.

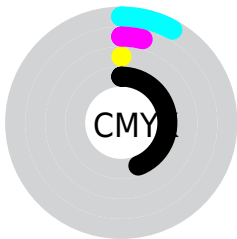
# Distribution



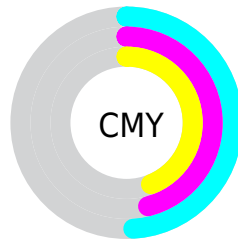
- Red (51%)
- Green (54%)
- Blue (56%)



- Red (51%)
- Yellow (53%)
- Blue (56%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (44%)



- Cyan (49%)
- Magenta (46%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83898F 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 83898F by changing the saturation by 10% instead.



■ 83898F

■ 83898F

FFFFFF

■ 6A7075

■ B8BEC5

■ 52575D

■ D4DAE1

■ 3B4045

■ F0F7FD

■ 252A2F

■ 10161A

■ 000000

■ 83898F

■ 83898F

■ 75828F

■ 91908F

■ 667B8F

■ A0978F

■ 58748F

■ AE9E8F

■ 4A6C8F

■ BCA68F

■ 3B658F

■ CBAD8F

■ 2D5E8F

■ D9B48F

■ 1F578F

■ E7BB8F

■ 11508F

■ F5C28F

■ 02498F

■ FFC98F

# Harmonies

## Analogous

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



808A8D



83898F



87888F

# Triad

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



83898F



908686



858A83

# Complementary

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



83898F



8F8983

# 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.



898981



83898F



908683

# Square

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



83898F



8F868A



8D8781



828A86

# Rectangle

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



83898F



8A878E



8D8781



868982



# Sweetspot

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



83898F



B5B7BA



838F89



5B5C5E



DEDEDE



5E5E5E



# Same Dimension

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



83898F



A8B1BA



83838F



404447



004487



000408



# Inverse Universe

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



8F8389



BAA8B1



8F8F83



474044



870044



080004



# Previews

## White Background



This preview shows how the Hex color 83898F looks on a white background.

## Color Contrast Check

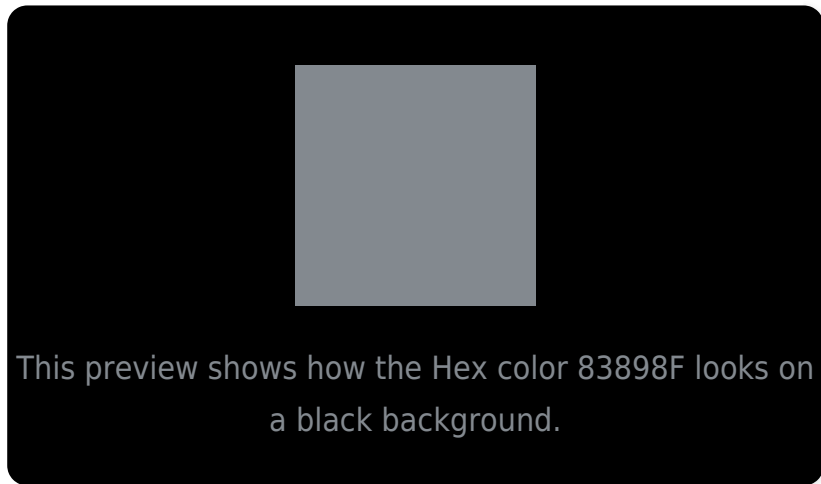
Large Text (above 18pt) WCAG AA ✓ Pass

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

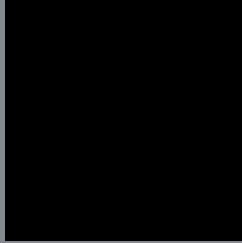
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

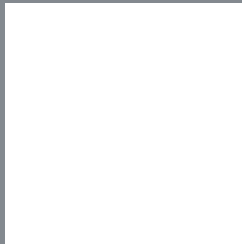
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 83898F Background



This preview shows how black text looks on a background with the Hex color 83898F.



This preview shows how white text looks on a background with the Hex color 83898F.

# 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**  
83898F

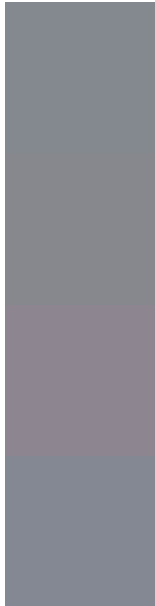
**Protanopia**  
89878E

**Deuteranopia**  
928490



**Tritanopia**  
848893

# Trichromacy



**Original Color**  
83898F

**Protanomaly**  
87888E

**Deuteranomaly**  
8D8690

**Tritanomaly**  
848892

# Monochromacy



**Original Color**  
83898F

**Achromatopsia**  
888888

**Achromatomaly**  
86888B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83898F 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 #83898F looks like.

```
.text, #text, p{  
    color:#83898F  
}
```

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 #83898F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83898F
}
```

## Border

The CSS property to change the border of an element to Hex 83898F is called "border". The border property can be set on classes, ids or directly on the HTML element.

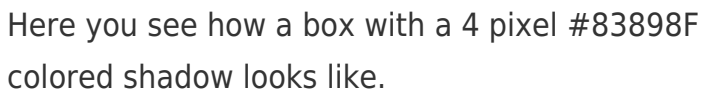
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#83898F }
```

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

```
.border{ border-color:#83898F }
```

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



Here you see how a box with a 4 pixel #83898F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83898F; -webkit-box-shadow:4px 4px  
4px 4px #83898F; box-shadow:4px 4px 4px  
4px #83898F }
```

# Background

The CSS property to change the background color of an element to Hex 83898F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83898F }
```

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

```
.background{ background-color:#83898F }
```

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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