

# Converting Colors

Hex(898D8E)

Have a look what the booklet for  
Hex(898D8E) contains.

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# Color

Hex(898D8E)

# Conversions

## Conversions Part 1

Format	Color
Hex	898D8E
RGB	137, 141, 142
RGB Percent	54%, 55%, 56%
CMY	0.4627, 0.4471, 0.4431
CMYK	0.04, 0.01, 0.00, 0.44
HSL	192°, 2%, 55%
HSV	192°, 4%, 56%
XYZ	24.7239, 26.3211, 29.3686
YIQ	139.9180, -2.7050, -0.5370

# Conversions

## Conversions Part 2

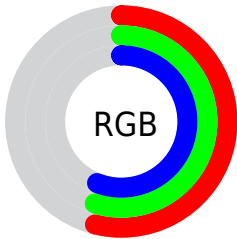
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 139, 142
Decimal	9014670
CIELab	58.34, -1.26, -1.05
CIELCh	58, 1.638, 219.816
Yxy	26.3211, 0.3075, 0.3273
Android (android.graphics.Color)	4287204750 (0xFF898D8E)
YUV	139.9180, 1.0264, -2.5591
Hunter-Lab	51.3041, -3.7615, 1.9728

# Details

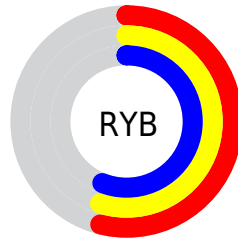
The Hex color **898D8E** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8E8A89**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **BEC3C4**, and **575B5C** is the 20% darker color. If you saturate the color by 10%, you get **7B8A8E**, and if you desaturate by 10%, it is **97908E**.

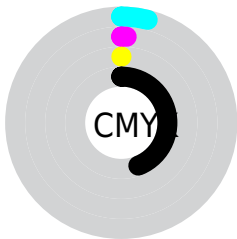
# Distribution



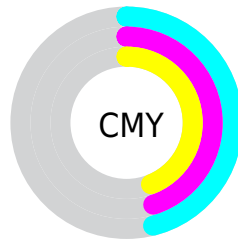
- Red (54%)
- Green (55%)
- Blue (56%)



- Red (54%)
- Yellow (55%)
- Blue (56%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (44%)



- Cyan (46%)
- Magenta (45%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 898D8E 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 898D8E by changing the saturation by 10% instead.





898D8E



898D8E

FFFFFF



707374



BEC3C4



575B5C



DADEE0



404444



F7FBFC



2A2D2E



16191A



000000



898D8E



898D8E



7B8A8E



97908E



6D878E



A5938E

■ 5E848E

■ B4968E

■ 50828E

■ C2988E

■ 427F8E

■ D09B8E

■ 347C8E

■ DE9E8E

■ 26798E

■ ECA18E

■ 17768E

■ FBA48E

■ 09738E

■ FFA78E

# Harmonies

## Analogous

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



898D8D



898D8E



8A8D8F

# Triad

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



898D8E



8F8B8D



8D8C89

# Complementary

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



898D8E



8E8A89

# 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.



8F8C8A



898D8E



8F8B8C

# Square

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



898D8E



8D8C8E



8F8B8A



8B8D8A

# Rectangle

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



898D8E



8B8C8F



8F8B8A



8E8C89



# Sweetspot

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



898D8E



B6B7B8



898E8A



5B5C5C



DBDBDB



5C5C5C



# Same Dimension

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



898D8E



B0B6B8



898B8E



444747



006C87



000608



# Inverse Universe

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



8E898D



B8B0B6



8E8C89



474447



87006C



080006



# Previews

## White Background



This preview shows how the Hex color 898D8E looks on a white background.

## Color Contrast Check

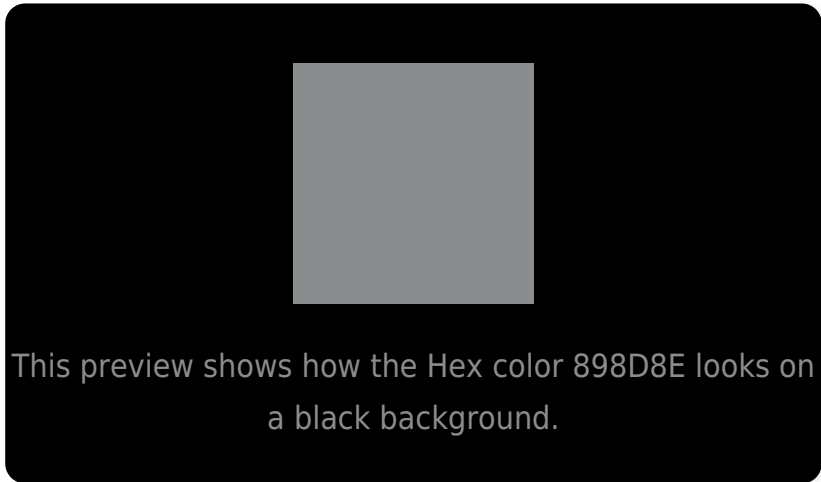
Large Text (above 18pt) WCAG AA ✓ Pass

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

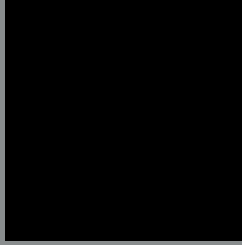
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

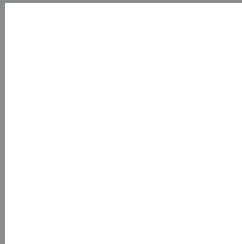
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 898D8E Background



This preview shows how black text looks on a background with the Hex color 898D8E.

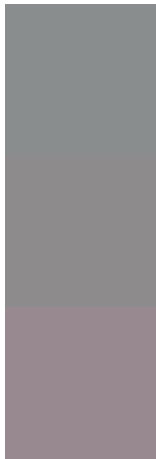


This preview shows how white text looks on a background with the Hex color 898D8E.

# 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**  
898D8E

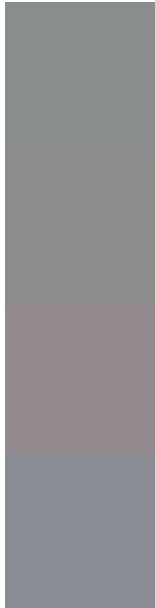
**Protanopia**  
8E8B8D

**Deuteranopia**  
98888F



**Tritanopia**  
8A8C97

# Trichromacy



**Original Color**  
898D8E

**Protanomaly**  
8C8C8D

**Deuteranomaly**  
938A8F

**Tritanomaly**  
8A8C94

# Monochromacy



**Original Color**  
898D8E

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
8B8C8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 898D8E 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 #898D8E looks like.

```
.text, #text, p{  
    color:#898D8E  
}
```

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 #898D8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #898D8E
}
```

## Border

The CSS property to change the border of an element to Hex 898D8E 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
#898D8E }
```

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

```
.border{ border-color:#898D8E }
```

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

Here you see how a box with a 4 pixel #898D8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #898D8E; -webkit-box-shadow:4px 4px  
4px 4px #898D8E; box-shadow:4px 4px 4px  
4px #898D8E }
```

# Background

The CSS property to change the background color of an element to Hex 898D8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#898D8E }
```

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

```
.background{ background-color:#898D8E }
```

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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