

# Converting Colors

Hex(8A8C8E)

Have a look what the booklet for  
Hex(8A8C8E) contains.

|  |    |
|--|----|
| <b>Hex(8A8C8E)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

**Hex(8A8C8E)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 8A8C8E                    |
| RGB         | 138, 140, 142             |
| RGB Percent | 54%, 55%, 56%             |
| CMY         | 0.4588, 0.4510, 0.4431    |
| CMYK        | 0.03, 0.01, 0.00, 0.44    |
| HSL         | 210°, 2%, 55%             |
| HSV         | 210°, 3%, 56%             |
| XYZ         | 24.7418, 26.1124, 29.3274 |
| YIQ         | 139.6300, -1.8340, 0.1980 |

# Conversions

## Conversions Part 2

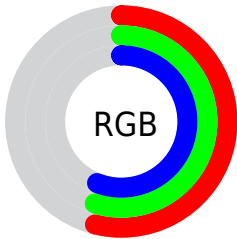
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 138, 139, 142                |
| Decimal                             | 9079950                      |
| CIE Lab                             | 58.14, -0.33, -1.33          |
| CIE LCh                             | 58, 1.369, 255.961           |
| Yxy                                 | 26.1124, 0.3086,<br>0.3257   |
| Android<br>(android.graphics.Color) | 4287270030<br>(0xFF8A8C8E)   |
| YUV                                 | 139.6300, 1.1684,<br>-1.4295 |
| Hunter-Lab                          | 51.1003, -2.9993,<br>1.7427  |

# Details

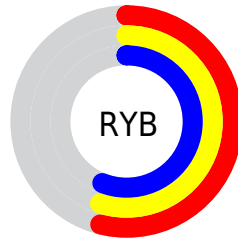
The Hex color **8A8C8E** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8E8C8A**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **BFC2C4**, and **585A5C** is the 20% darker color. If you saturate the color by 10%, you get **7C858E**, and if you desaturate by 10%, it is **98938E**.

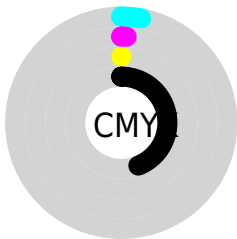
# Distribution



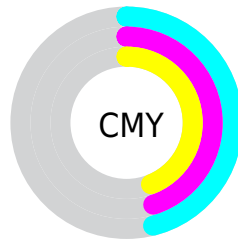
- Red (54%)
- Green (55%)
- Blue (56%)



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



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (44%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A8C8E 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 8A8C8E by changing the saturation by 10% instead.





8A8C8E



8A8C8E

FFFFFF



717374



BFC2C4



585A5C



DBDDE0



414344



F8FAFC



2B2D2E



16181A



000000



8A8C8E



8A8C8E



7C858E



98938E



6E7E8E



A69A8E

■ 5F778E

■ B5A18E

■ 51708E

■ C3A88E

■ 43698E

■ D1AF8E

■ 35618E

■ DFB78E

■ 275A8E

■ EDBE8E

■ 18538E

■ FCC58E

■ 0A4C8E

■ FFCC8E

# Harmonies

## Analogous

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



898C8D



8A8C8E



8B8C8E

# Triad

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



8A8C8E



8E8B8B



8B8C8A

# Complementary

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



8A8C8E



8E8C8A

# 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.



8C8C89



8A8C8E



8E8B8A

# Square

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



8A8C8E



8E8B8C



8D8B89



8A8C8B

# Rectangle

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



8A8C8E



8C8B8E



8D8B89



8B8C8A



# Sweetspot

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



8A8C8E



B6B7B8



8A8E8C



5B5B5C



DBDBDB



5C5C5C



# Same Dimension

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



8A8C8E



B2B5B8



8A8A8E



454647



004487



000408



# Inverse Universe

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



8E8A8C



B8B2B5



8E8E8A



474546



870044



080004



# Previews

## White Background



This preview shows how the Hex color 8A8C8E looks on a white background.

## Color Contrast Check

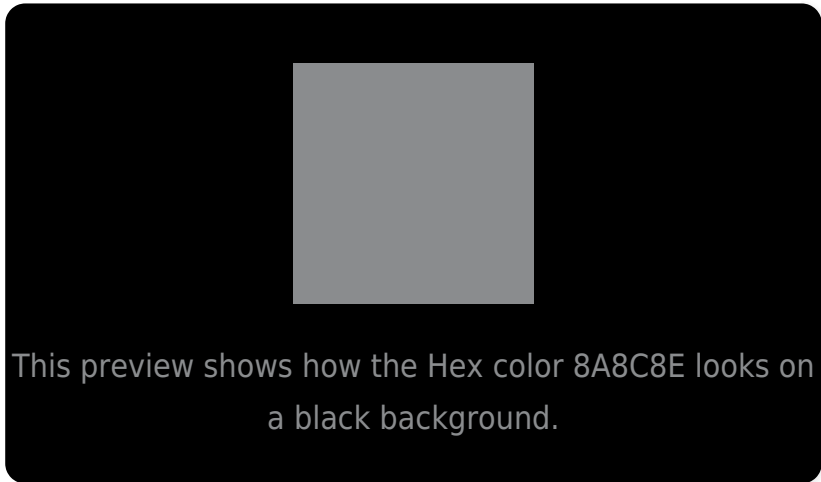
Large Text (above 18pt) WCAG AA ✓ Pass

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

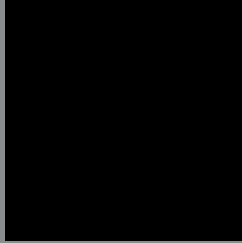
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

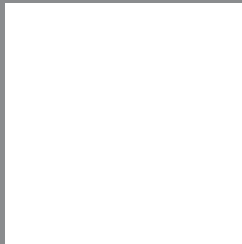
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8A8C8E Background



This preview shows how black text looks on a background with the Hex color 8A8C8E.



This preview shows how white text looks on a background with the Hex color 8A8C8E.

# 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**

8A8C8E

**Protanopia**

8E8B8D

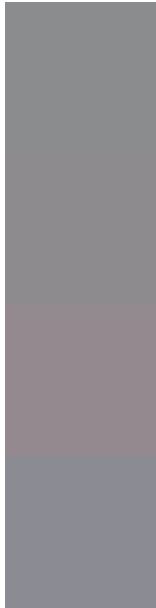
**Deuteranopia**

98878F



**Tritanopia**  
8B8B96

# Trichromacy



**Original Color**  
8A8C8E

**Protanomaly**  
8D8B8D

**Deuteranomaly**  
93898F

**Tritanomaly**  
8B8B93

# Monochromacy



**Original Color**  
8A8C8E

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
8B8C8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A8C8E 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 #8A8C8E looks like.

```
.text, #text, p{  
    color:#8A8C8E  
}
```

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 #8A8C8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A8C8E
}
```

## Border

The CSS property to change the border of an element to Hex 8A8C8E 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
#8A8C8E }
```

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

```
.border{ border-color:#8A8C8E }
```

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

Here you see how a box with a 4 pixel #8A8C8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A8C8E; -webkit-box-shadow:4px 4px  
4px 4px #8A8C8E; box-shadow:4px 4px 4px  
4px #8A8C8E }
```

# Background

The CSS property to change the background color of an element to Hex 8A8C8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A8C8E }
```

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

```
.background{ background-color:#8A8C8E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor