

# Converting Colors

Hex(8E808E)

Have a look what the booklet for  
Hex(8E808E) contains.

<b>Hex(8E808E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(8E808E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E808E
RGB	142, 128, 142
RGB Percent	56%, 50%, 56%
CMY	0.4431, 0.4980, 0.4431
CMYK	0.00, 0.10, 0.00, 0.44
HSL	300°, 6%, 53%
HSV	300°, 10%, 56%
XYZ	23.7570, 23.1421, 28.8059
YIQ	133.7820, 3.8500, 7.3220

# Conversions

## Conversions Part 2

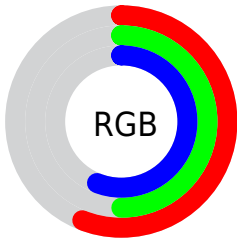
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	142, 128, 142
Decimal	9339022
CIE Lab	55.22, 7.98, -5.60
CIE LCh	55, 9.752, 324.945
Yxy	23.1421, 0.3138, 0.3057
Android (android.graphics.Color)	4287529102 (0xFF8E808E)
YUV	133.7820, 4.0515, 7.2072
Hunter-Lab	48.1063, 3.9652, -1.8284

# Details

The Hex color **8E808E** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **808E80**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **C4B5C4**, and **5C4F5C** is the 20% darker color. If you saturate the color by 10%, you get **8E728E**, and if you desaturate by 10%, it is **8E8E8E**.

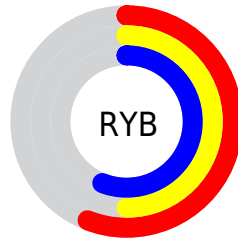
# Distribution



Red (56%)

Green (50%)

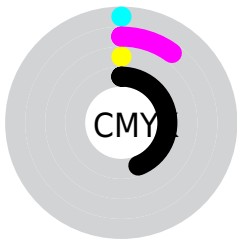
Blue (56%)



Red (56%)

Yellow (50%)

Blue (56%)

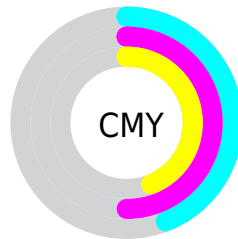


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (44%)



Cyan (44%)

Magenta (50%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E808E 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 8E808E by changing the saturation by 10% instead.





8E808E



8E808E

FFFFFF



746774



C4B5C4



5C4F5C



E0D0E0



443844



FCEDFC



2E232E



1A0D1A



000000



8E808E



8E808E



8E728E



8E8E8E



8E648E



8E9C8E

 8E558E

 8EAB8E

 8E478E

 8EB98E

 8E398E

 8EC78E

 8E2B8E

 8ED58E

 8E1D8E

 8EE38E

 8E0E8E

 8EF28E

 8E008E

 8EFF8E

# Harmonies

## Analogous

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



848393



8E808E



957F86

# Triad

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



8E808E



8D8374



6F898B

# Complementary

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



8E808E



808E80

# 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.



728982



8E808E



838675

# Square

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



8E808E



948077



7A887A



728892

# Rectangle

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



8E808E



967F80



7A887A



6F8988



# Sweetspot

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



8E808E



B8B2B8



80808E



5C585C



DBDBDB



5C5C5C



# Same Dimension

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



8E808E



B8A2B8



8E8087



474047



870087



080008



# Inverse Universe

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



8E808E



B8A2B8



808E87



474047



870087

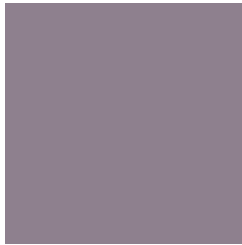


080008



# Previews

## White Background



This preview shows how the Hex color 8E808E looks on a white background.

## Color Contrast Check

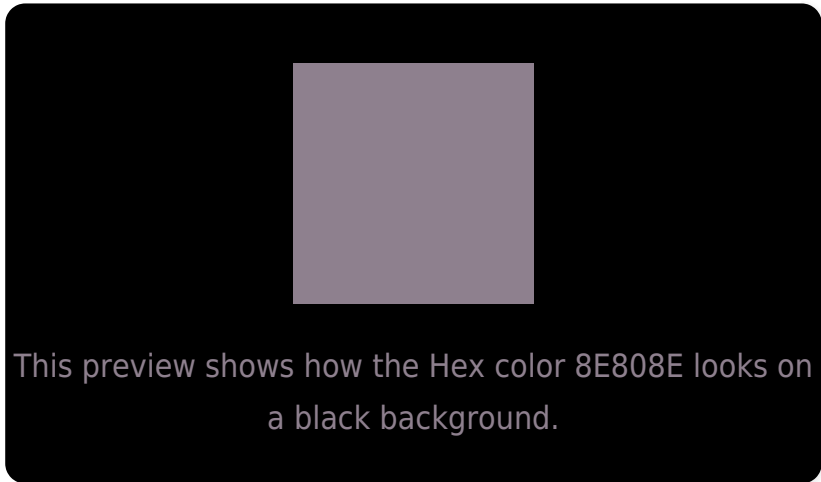
Large Text (above 18pt) WCAG AA ✓ Pass

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

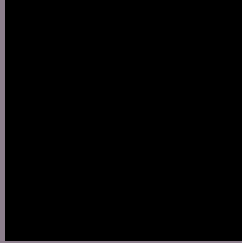
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8E808E Background



This preview shows how black text looks on a background with the Hex color 8E808E.



This preview shows how white text looks on a background with the Hex color 8E808E.

# 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](#).

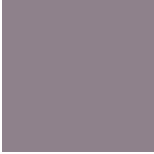
## Dichromacy



**Original Color**  
8E808E

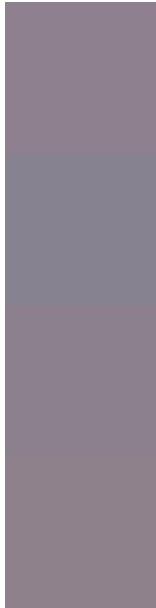
**Protanopia**  
838390

**Deuteranopia**  
8D808E



**Tritanopia**  
8E818B

# Trichromacy



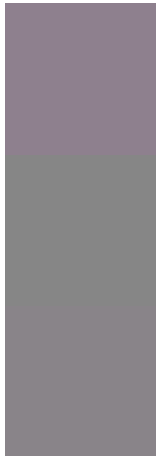
**Original Color**  
8E808E

**Protanomaly**  
87828F

**Deuteranomaly**  
8D808E

**Tritanomaly**  
8E818C

# Monochromacy



**Original Color**  
8E808E

**Achromatopsia**  
868686

**Achromatomaly**  
898489

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E808E 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 #8E808E looks like.

```
.text, #text, p{  
    color:#8E808E  
}
```

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 #8E808E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E808E
}
```

## Border

The CSS property to change the border of an element to Hex 8E808E is called "border". The border property can be set on classes, ids or directly on the HTML element.

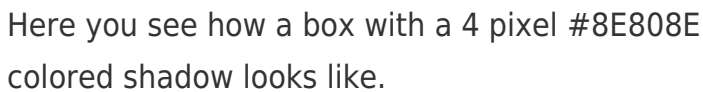
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E808E }
```

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

```
.border{ border-color:#8E808E }
```

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



Here you see how a box with a 4 pixel #8E808E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E808E; -webkit-box-shadow:4px 4px  
4px 4px #8E808E; box-shadow:4px 4px 4px  
4px #8E808E }
```

# Background

The CSS property to change the background color of an element to Hex 8E808E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E808E }
```

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

```
.background{ background-color:#8E808E }
```

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