

# Converting Colors

Hex(88989E)

Have a look what the booklet for  
Hex(88989E) contains.

|  |    |
|--|----|
| <b>Hex(88989E)</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(88989E)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 88989E                      |
| RGB         | 136, 152, 158               |
| RGB Percent | 53%, 60%, 62%               |
| CMY         | 0.4667, 0.4039, 0.3804      |
| CMYK        | 0.14, 0.04, 0.00, 0.38      |
| HSL         | 196°, 10%, 58%              |
| HSV         | 196°, 14%, 62%              |
| XYZ         | 27.5531, 30.1593, 36.7169   |
| YIQ         | 147.9000, -11.4620, -1.5260 |

# Conversions

## Conversions Part 2

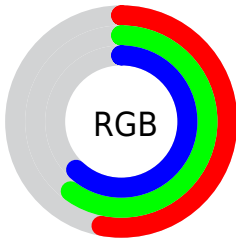
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 136, 145, 158                 |
| Decimal                             | 8951966                       |
| CIE <sub>Lab</sub>                  | 61.79, -4.39, -5.09           |
| CIE <sub>LCh</sub>                  | 62, 6.721, 229.165            |
| Yxy                                 | 30.1593, 0.2918,<br>0.3194    |
| Android<br>(android.graphics.Color) | 4287142046<br>(0xFF88989E)    |
| YUV                                 | 147.9000, 4.9793,<br>-10.4363 |
| Hunter-Lab                          | 54.9175, -6.5489,<br>-1.1980  |

# Details

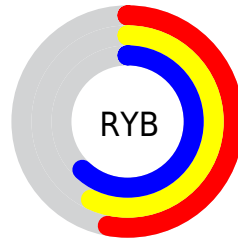
The Hex color **88989E** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9E8E88**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **BDCED5**, and **56656B** is the 20% darker color. If you saturate the color by 10%, you get **78949E**, and if you desaturate by 10%, it is **989C9E**.

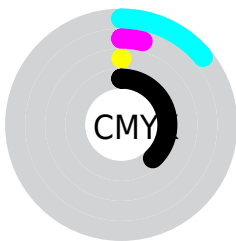
# Distribution



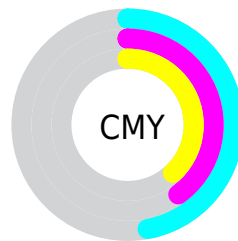
- Red (53%)
- Green (60%)
- Blue (62%)



- Red (53%)
- Yellow (57%)
- Blue (62%)



- Cyan (14%)
- Magenta (4%)
- Yellow (0%)
- Black (38%)



- Cyan (47%)
- Magenta (40%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88989E 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 88989E by changing the saturation by 10% instead.





88989E



88989E

FFFFFF



6F7E84



BDCED5



56656B



D9EAF1



3F4D53



F6FFFF



28363C



132126



000A11



000000



88989E



88989E



78949E



989C9E

688F9E

A8A19E

598B9E

B7A59E

49879E

C7A99E

39829E

D7AE9E

297E9E

E7B29E

197A9E

F7B69E

0A769E

FFBA9E

00739E

FFBF9E

# Harmonies

## Analogous

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



879999



88989E



8D96A1

# Triad

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



88989E



A09198



96968A

# Complementary

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



88989E



9E8E88

# 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.



9D948A



88989E



A29192

# Square

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



88989E



9B939D



A1928C



8F988D

# Rectangle

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



88989E



9195A1



A1928C



98958A



# Sweetspot

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



88989E



C6CCCF



889E8E



636769



E8E8E8



696969



# Same Dimension

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



88989E



ABC5CF



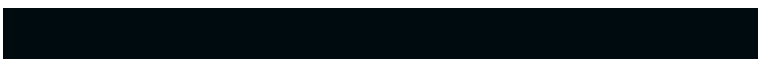
888D9E



474D4F



00688F



000B0F



# Inverse Universe

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



9E8898



CFABC5



9E9988



4F474D



8F0068



0F000B



# Previews

## White Background



This preview shows how the Hex color 88989E looks on a white background.

## Color Contrast Check

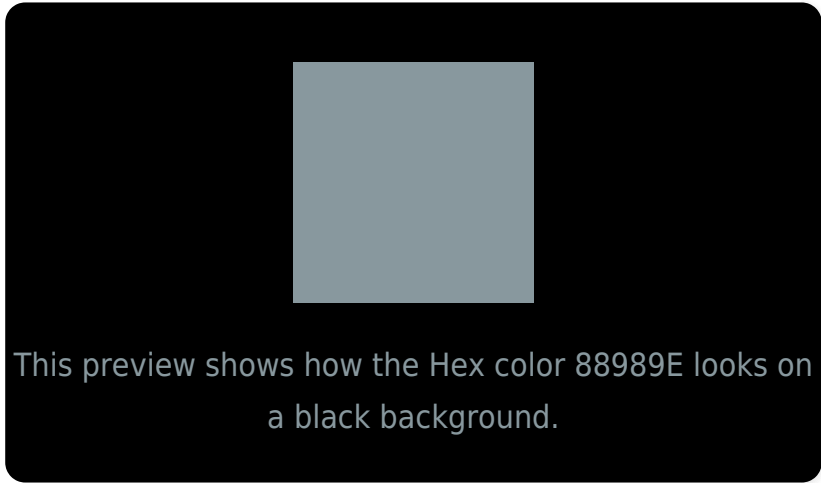
Large Text (above 18pt) WCAG AA × Fail

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

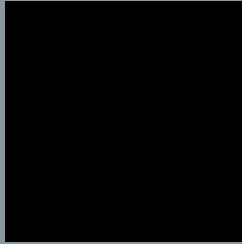
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

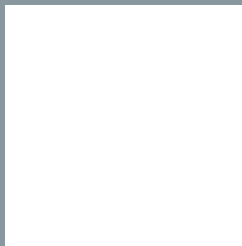
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 88989E Background



This preview shows how black text looks on a background with the Hex color 88989E.



This preview shows how white text looks on a background with the Hex color 88989E.

# 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**  
88989E

**Protanopia**  
96949C

**Deuteranopia**  
9F919F



**Tritanopia**  
8997A3

# Trichromacy



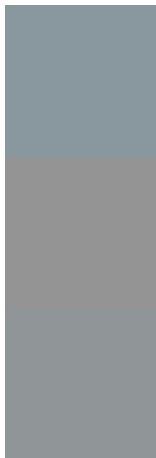
**Original Color**  
88989E

**Protanomaly**  
91959D

**Deuteranomaly**  
97949F

**Tritanomaly**  
8997A1

# Monochromacy



**Original Color**  
88989E

**Achromatopsia**  
949494

**Achromatomaly**  
909598

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88989E 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 #88989E looks like.

```
.text, #text, p{  
  color:#88989E  
}
```

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 #88989E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88989E
}
```

## Border

The CSS property to change the border of an element to Hex 88989E is called "border". The border property can be set on classes, ids or directly on the HTML element.

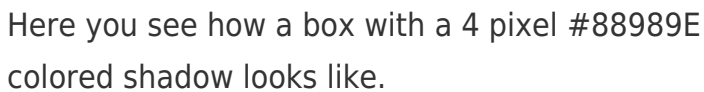
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#88989E }
```

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

```
.border{ border-color:#88989E }
```

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



Here you see how a box with a 4 pixel #88989E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88989E; -webkit-box-shadow:4px 4px  
4px 4px #88989E; box-shadow:4px 4px 4px  
4px #88989E }
```

# Background

The CSS property to change the background color of an element to Hex 88989E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88989E }
```

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

```
.background{ background-color:#88989E }
```

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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