

# Converting Colors

Hex(88667E)

Have a look what the booklet for  
Hex(88667E) contains.

|  |    |
|--|----|
| <b>Hex(88667E)</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(88667E)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 88667E                     |
| RGB         | 136, 102, 126              |
| RGB Percent | 53%, 40%, 49%              |
| CMY         | 0.4667, 0.6000, 0.5059     |
| CMYK        | 0.00, 0.25, 0.07, 0.47     |
| HSL         | 318°, 14%, 47%             |
| HSV         | 318°, 25%, 53%             |
| XYZ         | 18.6706, 16.2433, 21.8899  |
| YIQ         | 114.9020, 12.5600, 14.6720 |

# Conversions

## Conversions Part 2

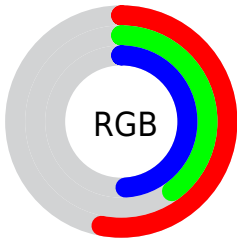
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 136, 102, 126                |
| Decimal                             | 8939134                      |
| CIE <sub>Lab</sub>                  | 47.29, 17.84, -8.04          |
| CIE <sub>LCh</sub>                  | 47, 19.571, 335.747          |
| Yxy                                 | 16.2433, 0.3287,<br>0.2860   |
| Android<br>(android.graphics.Color) | 4287129214<br>(0xFF88667E)   |
| YUV                                 | 114.9020, 5.4713,<br>18.5029 |
| Hunter-Lab                          | 40.3030, 12.1609,<br>-3.9902 |

# Details

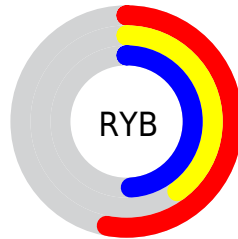
The Hex color **88667E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **668870**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **BE99B3**, and **56374D** is the 20% darker color. If you saturate the color by 10%, you get **88587A**, and if you desaturate by 10%, it is **887482**.

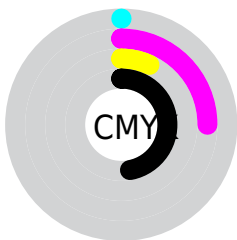
# Distribution



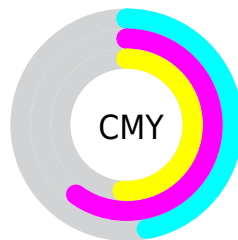
- Red (53%)
- Green (40%)
- Blue (49%)



- Red (53%)
- Yellow (40%)
- Blue (49%)



- Cyan (0%)
- Magenta (25%)
- Yellow (7%)
- Black (47%)



- Cyan (47%)
- Magenta (60%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88667E 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 88667E by changing the saturation by 10% instead.



88667E

88667E

FFFFFF

6E4E65

BE99B3

56374D

DAB4CE

3E2136

F6D0EA

270C21

FFECFF

0C0008

000000

88667E

88667E

88587A

887482

884B76

888186

 883D72

 888F8A

 88306E

 889C8E

 88226A

 88AA92

 881466

 88B896

 880762

 88C59A

 880060

 88D39E

 88E0A2

# Harmonies

## Analogous

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



776B8B



88667E



91646E

# Triad

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



88667E



79704F



3F7983

# Complementary

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



88667E



668870

# 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.



447973



88667E



677555

# Square

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



88667E



886B53



547862



4A758E

# Rectangle

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



88667E



916563



547862



3F797E



# Sweetspot

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



88667E



B0A2AC



706688



595057



D9D9D9



595959



# Same Dimension

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



88667E



B07BA0



88666D



453E43



85005E



050004



# Inverse Universe

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



88667E



B07BA0



668881



453E43



85005E

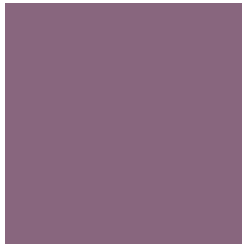


050004



# Previews

## White Background



This preview shows how the Hex color 88667E looks on a white background.

## Color Contrast Check

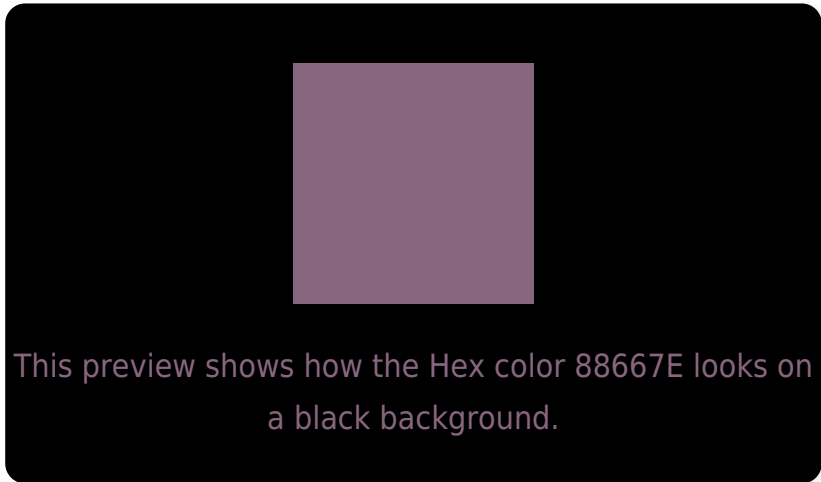
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

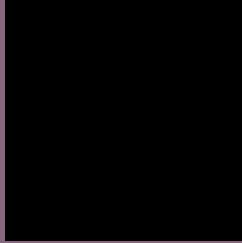
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 88667E Background



This preview shows how black text looks on a background with the Hex color 88667E.



This preview shows how white text looks on a background with the Hex color 88667E.

# 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





**Tritanopia**  
866870

# Trichromacy



**Original Color**  
88667E

**Protanomaly**  
766C82

**Deuteranomaly**  
7D6A7D

**Tritanomaly**  
876775

# Monochromacy



**Original Color**  
88667E

**Achromatopsia**  
737373

**Achromatomaly**  
7B6E77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88667E 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 #88667E looks like.

```
.text, #text, p{  
    color:#88667E  
}
```

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 #88667E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88667E
}
```

## Border

The CSS property to change the border of an element to Hex 88667E is called "border". The border property can be set on classes, ids or directly on the HTML element.

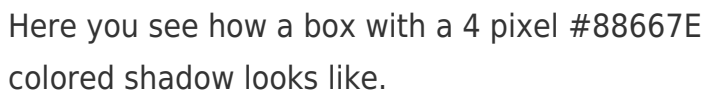
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#88667E }
```

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

```
.border{ border-color:#88667E }
```

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



Here you see how a box with a 4 pixel #88667E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88667E; -webkit-box-shadow:4px 4px  
4px 4px #88667E; box-shadow:4px 4px 4px  
4px #88667E }
```

# Background

The CSS property to change the background color of an element to Hex 88667E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88667E }
```

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

```
.background{ background-color:#88667E }
```

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