

# Converting Colors

Hex(887B9E)

Have a look what the booklet for  
Hex(887B9E) contains.

<b>Hex(887B9E)</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(887B9E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	887B9E
RGB	136, 123, 158
RGB Percent	53%, 48%, 62%
CMY	0.4667, 0.5176, 0.3804
CMYK	0.14, 0.22, 0.00, 0.38
HSL	262°, 15%, 55%
HSV	262°, 22%, 62%
XYZ	23.4079, 21.8688, 35.3351
YIQ	130.8770, -3.4870, 13.6410

# Conversions

## Conversions Part 2

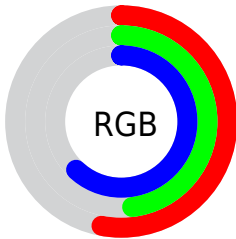
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 123, 158
Decimal	8944542
CIE <sub>Lab</sub>	53.89, 12.17, -16.94
CIE <sub>LCh</sub>	54, 20.861, 305.687
Yxy	21.8688, 0.2904, 0.2713
Android (android.graphics.Color)	4287134622 (0xFF887B9E)
YUV	130.8770, 13.3716, 4.4929
Hunter-Lab	46.7641, 7.5114, -12.0649

# Details

The Hex color **887B9E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **919E7B**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **BEAFD5**, and **564A6B** is the 20% darker color. If you saturate the color by 10%, you get **7E6B9E**, and if you desaturate by 10%, it is **928B9E**.

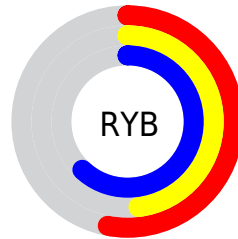
# Distribution



Red (53%)

Green (48%)

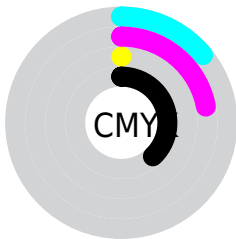
Blue (62%)



Red (53%)

Yellow (48%)

Blue (62%)

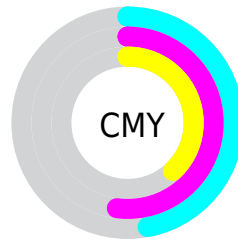


Cyan (14%)

Magenta (22%)

Yellow (0%)

Black (38%)



Cyan (47%)

Magenta (52%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 887B9E 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 887B9E by changing the saturation by 10% instead.



■ 887B9E

■ 887B9E

FFFFFF

■ 6E6284

■ BEAFD5

■ 564A6B

■ D9CBF1

■ 3E3452

■ F6E7FF

■ 281E3B

■ 140725

■ 00010F

■ 000000

■ 887B9E

■ 887B9E

■ 7E6B9E

■ 928B9E

745B9E

9C9B9E

6A4C9E

A6AA9E

603C9E

B0BA9E

562C9E

BACA9E

4C1C9E

C4DA9E

420C9E

CEEA9E

3B009E

D7F99E

E1FF9E

# Harmonies

## Analogous

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



6F81A4



887B9E



9B7690

# Triad

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



887B9E



9B7B61



518B84

# Complementary

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



887B9E



919E7B

# 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.



628A71



887B9E



8B815D

# Square

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



887B9E



A4766D



778663



4C8A95

# Rectangle

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



887B9E



A27484



778663



568B7D



# Sweetspot

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



887B9E



C5C0CF



7B919E



636069



E8E8E8



696969



# Same Dimension

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



887B9E



AB97CF



997B9E



4A474F



35008F



06000F



# Inverse Universe

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



9E7B91



CF97BA



809E7B



4F474C



8F005A



0F000A



# Previews

## White Background



This preview shows how the Hex color 887B9E looks on a white background.

## Color Contrast Check

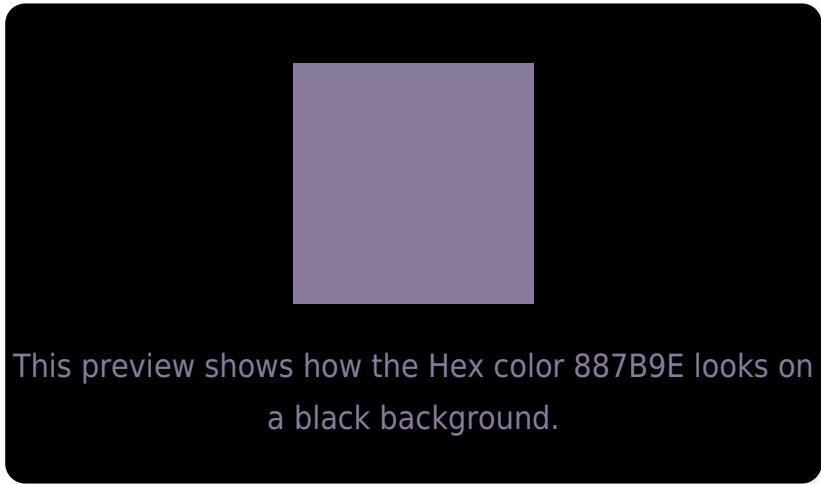
Large Text (above 18pt) WCAG AA ✓ Pass

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

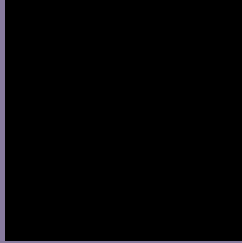
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 887B9E Background



This preview shows how black text looks on a background with the Hex color 887B9E.



This preview shows how white text looks on a background with the Hex color 887B9E.

# 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**  
847F89

# Trichromacy



**Original Color**  
887B9E

**Protanomaly**  
7E7EA0

**Deuteranomaly**  
827D9D

**Tritanomaly**  
857E91

# Monochromacy



**Original Color**  
887B9E

**Achromatopsia**  
838383

**Achromatomaly**  
85808D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 887B9E 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 #887B9E looks like.

```
.text, #text, p{  
    color:#887B9E  
}
```

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 #887B9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #887B9E
}
```

## Border

The CSS property to change the border of an element to Hex 887B9E is called "border". The border property can be set on classes, ids or directly on the HTML element.

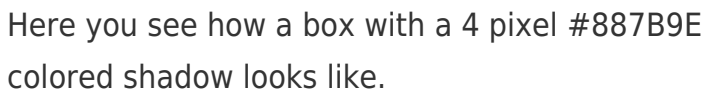
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#887B9E }
```

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

```
.border{ border-color:#887B9E }
```

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



Here you see how a box with a 4 pixel #887B9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #887B9E; -webkit-box-shadow:4px 4px  
4px 4px #887B9E; box-shadow:4px 4px 4px  
4px #887B9E }
```

# Background

The CSS property to change the background color of an element to Hex 887B9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#887B9E }
```

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

```
.background{ background-color:#887B9E }
```

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