

Converting Colors

Hex(877E96)

Have a look what the booklet for
Hex(877E96) contains.

Hex(877E96)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(877E96)

Conversions

Conversions Part 1

Format	Color
Hex	877E96
RGB	135, 126, 150
RGB Percent	53%, 49%, 59%
CMY	0.4706, 0.5059, 0.4118
CMYK	0.10, 0.16, 0.00, 0.41
HSL	262°, 10%, 54%
HSV	262°, 16%, 59%
XYZ	22.9575, 22.2746, 31.9436
YIQ	131.4270, -2.3400, 9.3720

Conversions

Conversions Part 2

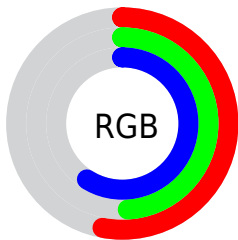
Format	Color
R_{YB}	135, 126, 150
Decimal	8879766
CIE _{Lab}	54.32, 8.29, -11.66
CIE _{LCh}	54, 14.307, 305.434
Yxy	22.2746, 0.2975, 0.2886
Android (android.graphics.Color)	4287069846 (0xFF877E96)
YUV	131.4270, 9.1565, 3.1335
Hunter-Lab	47.1960, 4.2348, -7.0920

Details

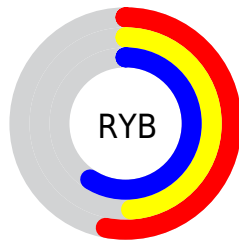
The Hex color **877E96** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8D967E**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **BCB3CC**, and **554D63** is the 20% darker color. If you saturate the color by 10%, you get **7E6F96**, and if you desaturate by 10%, it is **908D96**.

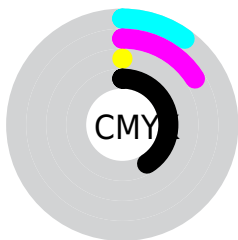
Distribution



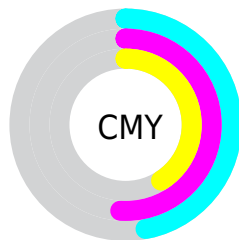
- Red (53%)
- Green (49%)
- Blue (59%)



- Red (53%)
- Yellow (49%)
- Blue (59%)



- Cyan (10%)
- Magenta (16%)
- Yellow (0%)
- Black (41%)



- Cyan (47%)
- Magenta (51%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 877E96 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 877E96 by changing the saturation by 10% instead.

■ 877E96

■ 877E96

FFFFFF

■ 6E657C

■ BCB3CC

■ 554D63

■ D8CEE8

■ 3E364B

■ F5EAFF

■ 282135

■ 140A1F

■ 000005

■ 000000

■ 877E96

■ 877E96

■ 7E6F96

■ 908D96

746096

9A9C96

6B5196

A3AB96

624296

ACBA96

583396

B6C996

4F2496

BFD896

451596

C9E796

3C0696

D2F696

380096

DBFF96

Harmonies

Analogous

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



77829A



877E96



947B8C

Triad

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



877E96



957E6C



648984

Complementary

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



877E96



8D967E

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.



6E8877



877E96



898269

Square

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



877E96



9B7A74



7B866E



618890

Rectangle

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



877E96



997984



7B866E



66897F

Sweetspot

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



877E96



BCB8C2



7E8D96



5D5B61



E0E0E0



616161

Same Dimension

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



877E96



AB9DC2



937E96



45434A



34008A



04000A

Inverse Universe

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



967E8D



C29DB4



81967E



4A4347



8A0056



0A0006

Previews

White Background



This preview shows how the Hex color 877E96 looks on a white background.

Color Contrast Check

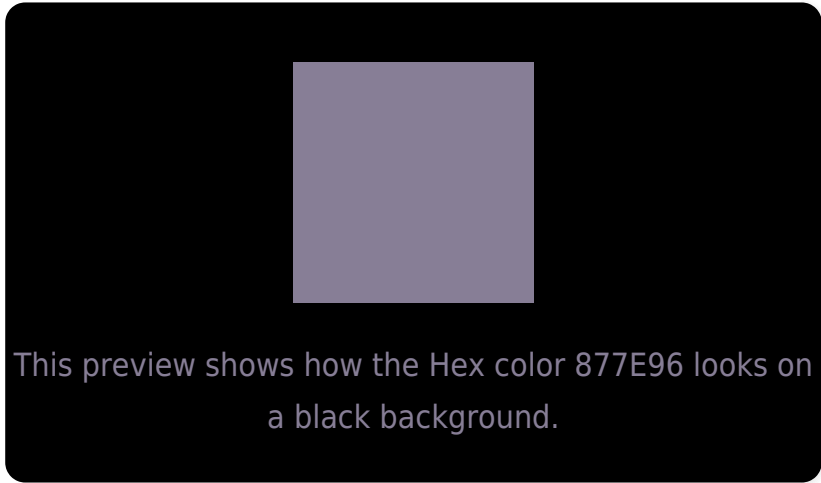
Large Text (above 18pt) WCAG AA ✓ Pass

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

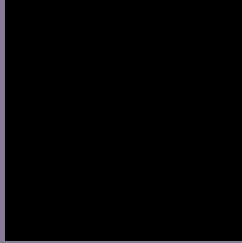
Any Text WCAG AA ✓ Pass

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 877E96 Background



This preview shows how black text looks on a background with the Hex color 877E96.



This preview shows how white text looks on a background with the Hex color 877E96.

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
877E96

Protanopia
7E8198

Deuteranopia
857F96



Tritanopia
85808A

Trichromacy



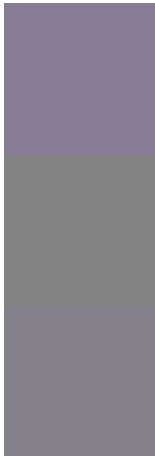
Original Color
877E96

Protanomaly
818097

Deuteranomaly
867F96

Tritanomaly
867F8E

Monochromacy



Original Color
877E96

Achromatopsia
838383

Achromatomaly
84818A

CSS Examples

Text

The CSS property to change the color of the text to Hex 877E96 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 #877E96 looks like.

```
.text, #text, p{  
    color:#877E96  
}
```

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 #877E96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #877E96
}
```

Border

The CSS property to change the border of an element to Hex 877E96 is called "border". The border property can be set on classes, ids or directly on the HTML element.

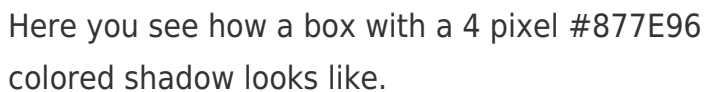
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#877E96 }
```

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

```
.border{ border-color:#877E96 }
```

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



Here you see how a box with a 4 pixel #877E96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #877E96; -webkit-box-shadow:4px 4px  
4px 4px #877E96; box-shadow:4px 4px 4px  
4px #877E96 }
```

Background

The CSS property to change the background color of an element to Hex 877E96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#877E96 }
```

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

```
.background{ background-color:#877E96 }
```

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