

Converting Colors

Hex(897E91)

Have a look what the booklet for
Hex(897E91) contains.

Hex(897E91)	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(897E91)

Conversions

Conversions Part 1

Format	Color
Hex	897E91
RGB	137, 126, 145
RGB Percent	54%, 49%, 57%
CMY	0.4627, 0.5059, 0.4314
CMYK	0.06, 0.13, 0.00, 0.43
HSL	275°, 8%, 53%
HSV	275°, 13%, 57%
XYZ	22.8882, 22.2844, 29.8830
YIQ	131.4550, 0.4570, 8.2410

Conversions

Conversions Part 2

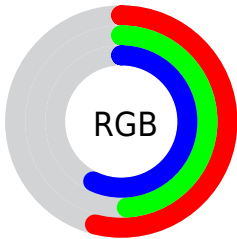
Format	Color
R_{YB}	137, 126, 145
Decimal	9010833
CIE Lab	54.33, 7.94, -8.72
CIE LCh	54, 11.790, 312.313
Yxy	22.2844, 0.3049, 0.2969
Android (android.graphics.Color)	4287200913 (0xFF897E91)
YUV	131.4550, 6.6777, 4.8630
Hunter-Lab	47.2064, 3.9354, -4.4879

Details

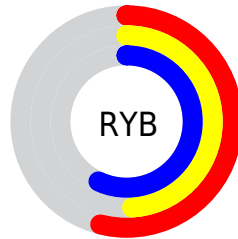
The Hex color **897E91** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **86917E**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **BEB3C7**, and **574D5F** is the 20% darker color. If you saturate the color by 10%, you get **837091**, and if you desaturate by 10%, it is **8F8D91**.

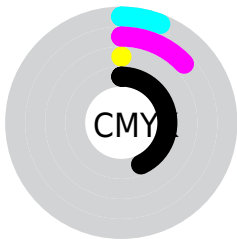
Distribution



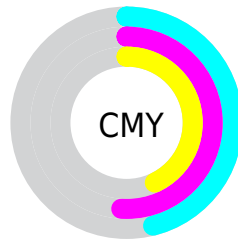
- Red (54%)
- Green (49%)
- Blue (57%)



- Red (54%)
- Yellow (49%)
- Blue (57%)



- Cyan (6%)
- Magenta (13%)
- Yellow (0%)
- Black (43%)



- Cyan (46%)
- Magenta (51%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 897E91 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 897E91 by changing the saturation by 10% instead.

■ 897E91

■ 897E91

FFFFFF

■ 706577

■ BEB3C7

■ 574D5F

■ DACEE3

■ 403647

■ F7EAFF

■ 2A2131

■ 160A1C

■ 000000

■ 897E91

■ 897E91

■ 837091

■ 8F8D91

■ 7D6191

■ 959B91

775391

9BAA91

714491

A1B891

6A3691

A8C691

642791

AED591

5E1991

B4E491

580A91

BAF291

540091

C0FF91

Harmonies

Analogous

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



7C8196



897E91



937C88

Triad

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



897E91



907F6F



698886

Complementary

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



897E91



86917E

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.



6F877B



897E91



86836E

Square

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



897E91



967C75



7A8673



69878F

Rectangle

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



897E91



977B81



7A8673



6A8882

Sweetspot

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



897E91



BAB5BD



7E8691



5C5A5E



DEDEDE



5E5E5E

Same Dimension

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



897E91



B09FBD



917E90



444047



4E0087



040008

Inverse Universe

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



917E86



BD9FAB



7E917F



474043



870039



080003

Previews

White Background



This preview shows how the Hex color 897E91 looks on a white background.

Color Contrast Check

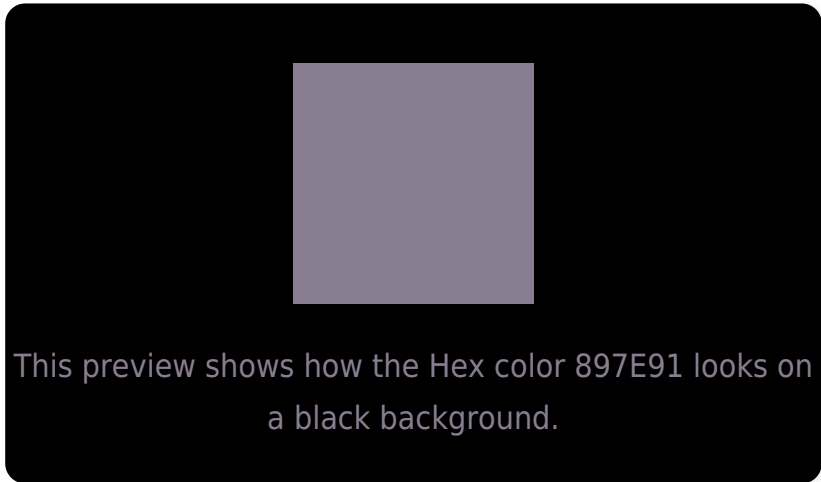
Large Text (above 18pt) WCAG AA ✓ Pass

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

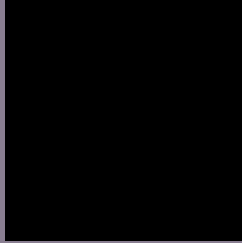
Any Text WCAG AA ✓ Pass

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 897E91 Background



This preview shows how black text looks on a background with the Hex color 897E91.



This preview shows how white text looks on a background with the Hex color 897E91.

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
897E91

Protanopia
7F8193

Deuteranopia
887E91



Tritanopia
887F89

Trichromacy



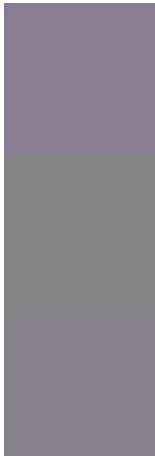
Original Color
897E91

Protanomaly
838092

Deuteranomaly
887E91

Tritanomaly
887F8C

Monochromacy



Original Color
897E91

Achromatopsia
838383

Achromatomaly
858188

CSS Examples

Text

The CSS property to change the color of the text to Hex 897E91 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 #897E91 looks like.

```
.text, #text, p{  
    color:#897E91  
}
```

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 #897E91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #897E91
}
```

Border

The CSS property to change the border of an element to Hex 897E91 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
#897E91 }
```

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

```
.border{ border-color:#897E91 }
```

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

Here you see how a box with a 4 pixel #897E91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #897E91; -webkit-box-shadow:4px 4px  
4px 4px #897E91; box-shadow:4px 4px 4px  
4px #897E91 }
```

Background

The CSS property to change the background color of an element to Hex 897E91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#897E91 }
```

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

```
.background{ background-color:#897E91 }
```

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