

Converting Colors

Hex(87899E)

Have a look what the booklet for
Hex(87899E) contains.

Hex(87899E)	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(87899E)

Conversions

Conversions Part 1

Format	Color
Hex	87899E
RGB	135, 137, 158
RGB Percent	53%, 54%, 62%
CMY	0.4706, 0.4627, 0.3804
CMYK	0.15, 0.13, 0.00, 0.38
HSL	235°, 11%, 57%
HSV	235°, 15%, 62%
XYZ	25.1089, 25.5108, 35.9485
YIQ	138.7960, -7.9330, 6.1070

Conversions

Conversions Part 2

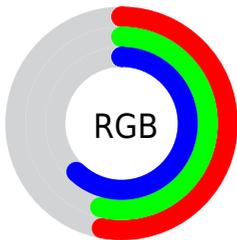
Format	Color
R_{YB}	135, 137, 158
Decimal	8882590
CIE _{Lab}	57.57, 3.71, -11.39
CIE _{LCh}	58, 11.976, 288.059
Yxy	25.5108, 0.2900, 0.2947
Android (android.graphics.Color)	4287072670 (0xFF87899E)
YUV	138.7960, 9.4676, -3.3291
Hunter-Lab	50.5083, 0.3473, -6.8429

Details

The Hex color **87899E** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9E9C87**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **BCBED5**, and **55576B** is the 20% darker color. If you saturate the color by 10%, you get **777B9E**, and if you desaturate by 10%, it is **97979E**.

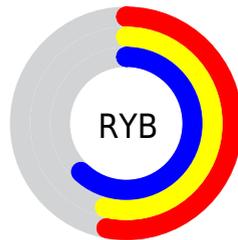
Distribution



Red (53%)

Green (54%)

Blue (62%)



Red (53%)

Yellow (54%)

Blue (62%)

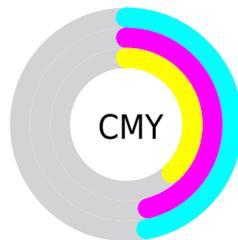


Cyan (15%)

Magenta (13%)

Yellow (0%)

Black (38%)



Cyan (47%)

Magenta (46%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87899E 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 87899E by changing the saturation by 10% instead.

■ 87899E

■ 87899E

FFFFFF

■ 6E7084

■ BCBED5

■ 55576B

■ D8DAF1

■ 3E4052

■ F5F7FF

■ 272A3B

■ 131626

■ 000110

■ 000000

■ 87899E

■ 87899E

■ 777B9E

■ 97979E

676C9E

A7A69E

585E9E

B6B49E

484F9E

C6C39E

38419E

D6D19E

28329E

E6E09E

18249E

F6EE9E

09169E

FFFC9E

000E9E

FFFF9E

Harmonies

Analogous

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



7A8C9E



87899E



948698

Triad

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



87899E



9E857B



759086

Complementary

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



87899E



9E9C87

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.



808E7C



87899E



978876

Square

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



87899E



A18384



8C8C76



709090

Rectangle

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



87899E



9A8492



8C8C76



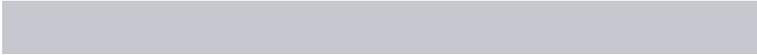
799082

Sweetspot

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



87899E



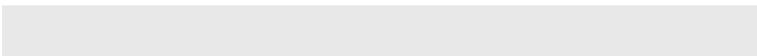
C6C7CF



879E9C



636469



E8E8E8



696969

Same Dimension

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



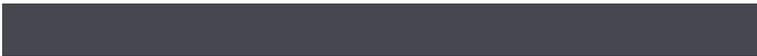
87899E



ABAECF



90879E



47484F



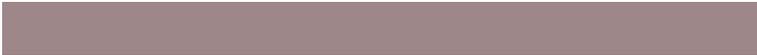
000C8F



00010F

Inverse Universe

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



9E8789



CFABAE



959E87



4F4748



8F000C



0F0001

Previews

White Background



This preview shows how the Hex color 87899E looks on a white background.

Color Contrast Check

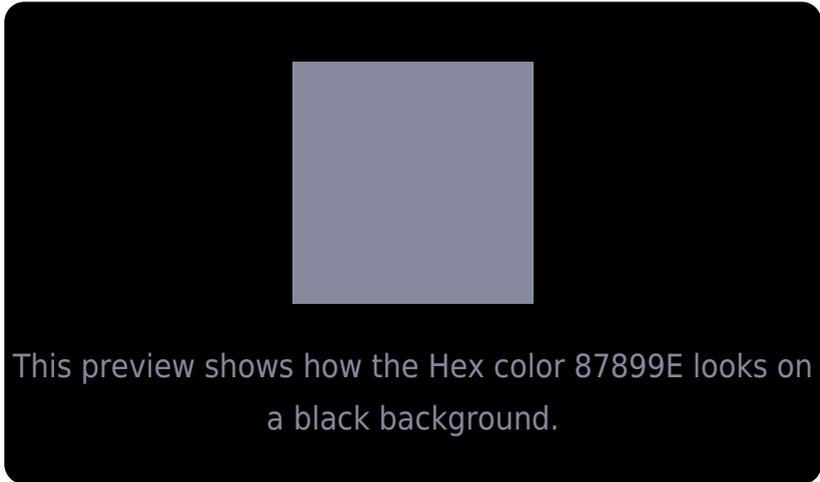
Large Text (above 18pt) WCAG AA ✓ Pass

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

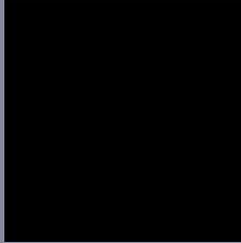
Any Text WCAG AA ✓ Pass

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 87899E Background



This preview shows how black text looks on a background with the Hex color 87899E.



This preview shows how white text looks on a background with the Hex color 87899E.

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
87899E

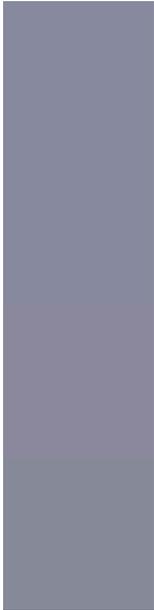
Protanopia
87899E

Deuteranopia
8E879E



Tritanopia
858A95

Trichromacy



Original Color
87899E

Protanomaly
87899E

Deuteranomaly
8B889E

Tritanomaly
868A98

Monochromacy



Original Color
87899E

Achromatopsia
8B8B8B

Achromatomaly
8A8A92

CSS Examples

Text

The CSS property to change the color of the text to Hex 87899E 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 #87899E looks like.

```
.text, #text, p{  
    color:#87899E  
}
```

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 #87899E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87899E
}
```

Border

The CSS property to change the border of an element to Hex 87899E is called "border". The border property can be set on classes, ids or directly on the HTML element.

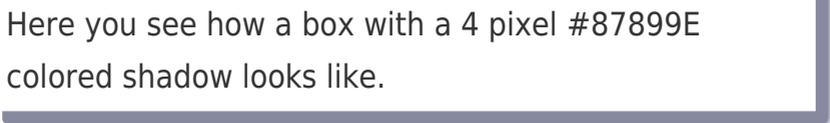
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87899E }
```

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

```
.border{ border-color:#87899E }
```

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



Here you see how a box with a 4 pixel #87899E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87899E; -webkit-box-shadow:4px 4px  
4px 4px #87899E; box-shadow:4px 4px 4px  
4px #87899E }
```

Background

The CSS property to change the background color of an element to Hex 87899E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87899E }
```

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

```
.background{ background-color:#87899E }
```

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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