

Converting Colors

Hex(87709E)

Have a look what the booklet for
Hex(87709E) contains.

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Color

Hex(87709E)

Conversions

Conversions Part 1

Format	Color
Hex	87709E
RGB	135, 112, 158
RGB Percent	53%, 44%, 62%
CMY	0.4706, 0.5608, 0.3804
CMYK	0.15, 0.29, 0.00, 0.38
HSL	270°, 19%, 53%
HSV	270°, 29%, 62%
XYZ	21.9574, 19.2079, 34.8980
YIQ	124.1210, -1.0580, 19.1820

Conversions

Conversions Part 2

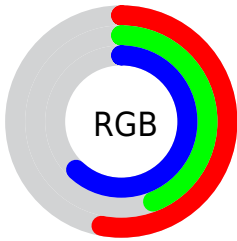
Format	Color
R_{YB}	135, 112, 158
Decimal	8876190
CIE _{Lab}	50.93, 18.31, -21.47
CIE _{LCh}	51, 28.219, 310.448
Yxy	19.2079, 0.2887, 0.2525
Android (android.graphics.Color)	4287066270 (0xFF87709E)
YUV	124.1210, 16.7023, 9.5409
Hunter-Lab	43.8268, 12.7324, -16.5321

Details

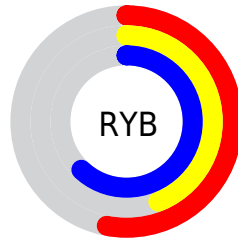
The Hex color **87709E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **879E70**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **BDA4D5**, and **55406A** is the 20% darker color. If you saturate the color by 10%, you get **7F609E**, and if you desaturate by 10%, it is **8F809E**.

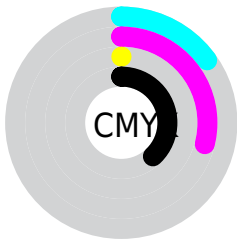
Distribution



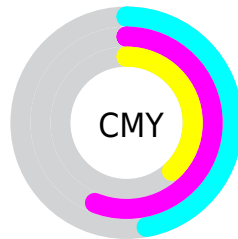
- Red (53%)
- Green (44%)
- Blue (62%)



- Red (53%)
- Yellow (44%)
- Blue (62%)



- Cyan (15%)
- Magenta (29%)
- Yellow (0%)
- Black (38%)



- Cyan (47%)
- Magenta (56%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87709E 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 87709E by changing the saturation by 10% instead.

■ 87709E

■ 87709E

FFFFFF

■ 6D5784

■ BDA4D5

■ 55406A

■ D9BFF1

■ 3D2A52

■ F5DBFF

■ 26153B

■ FFF7FF

■ 150025

■ 00010E

■ 000000

■ 87709E

■ 87709E

■ 7F609E

■ 8F809E

77509E

97909E

6F419E

9F9F9E

67319E

A7AF9E

5F219E

AEBF9E

58119E

B6CF9E

50019E

BEDF9E

4F009E

C6EE9E

CEFE9E

Harmonies

Analogous

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



6579A8



87709E



9E698A

Triad

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



87709E



97724C



2A8681

Complementary

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



87709E



879E70

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.



498568



87709E



817B49

Square

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



87709E



A56B5B



678154



1C8598

Rectangle

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



87709E



A6677A



678154



348679

Sweetspot

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



87709E



C5BCCF



70879E



635D69



E8E8E8



696969

Same Dimension

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



87709E



AA86CF



9E709E



4B474F



47008F



08000F

Inverse Universe

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



9E7087



CF86AA



709E70



4F474B



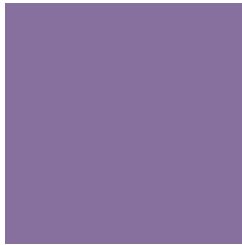
8F0047



0F0008

Previews

White Background



This preview shows how the Hex color 87709E looks on a white background.

Color Contrast Check

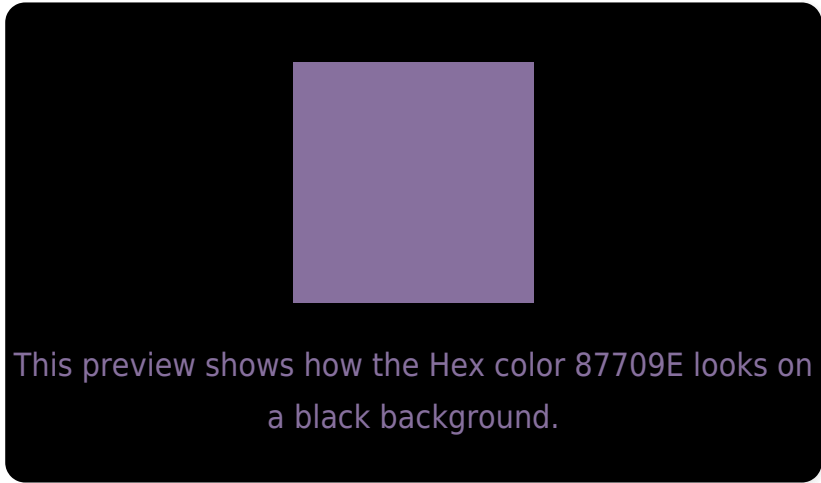
Large Text (above 18pt) WCAG AA ✓ Pass

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

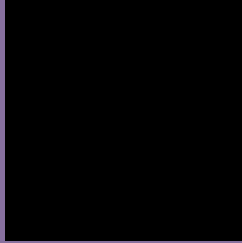
Any Text WCAG AA ✓ Pass

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 87709E Background



This preview shows how black text looks on a background with the Hex color 87709E.




This preview shows how white text looks on a background with the Hex color 87709E.

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
82767F

Trichromacy



Original Color
87709E

Protanomaly
7675A2

Deuteranomaly
7A749D

Tritanomaly
84748A

Monochromacy



Original Color
87709E

Achromatopsia
7C7C7C

Achromatomaly
807888

CSS Examples

Text

The CSS property to change the color of the text to Hex 87709E 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 #87709E looks like.

```
.text, #text, p{  
    color:#87709E  
}
```

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 #87709E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87709E
}
```

Border

The CSS property to change the border of an element to Hex 87709E is called "border". The border property can be set on classes, ids or directly on the HTML element.

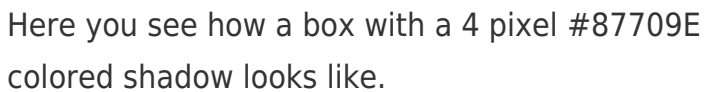
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87709E }
```

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

```
.border{ border-color:#87709E }
```

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



Here you see how a box with a 4 pixel #87709E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87709E; -webkit-box-shadow:4px 4px  
4px 4px #87709E; box-shadow:4px 4px 4px  
4px #87709E }
```

Background

The CSS property to change the background color of an element to Hex 87709E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87709E }
```

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

```
.background{ background-color:#87709E }
```

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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