

Converting Colors

Hex(87869B)

Have a look what the booklet for
Hex(87869B) contains.

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Color

Hex(87869B)

Conversions

Conversions Part 1

Format	Color
Hex	87869B
RGB	135, 134, 155
RGB Percent	53%, 53%, 61%
CMY	0.4706, 0.4745, 0.3922
CMYK	0.13, 0.14, 0.00, 0.39
HSL	243°, 10%, 57%
HSV	243°, 14%, 61%
XYZ	24.4332, 24.5676, 34.4646
YIQ	136.6930, -6.1450, 6.7430

Conversions

Conversions Part 2

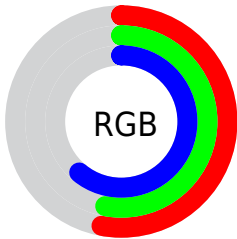
Format	Color
R_{YB}	135, 134, 155
Decimal	8881819
CIE _{Lab}	56.65, 4.77, -11.04
CIE _{LCh}	57, 12.025, 293.348
Yxy	24.5676, 0.2927, 0.2943
Android (android.graphics.Color)	4287071899 (0xFF87869B)
YUV	136.6930, 9.0254, -1.4848
Hunter-Lab	49.5658, 1.2505, -6.5301

Details

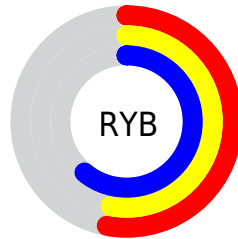
The Hex color **87869B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9A9B86**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **BCBBD1**, and **555468** is the 20% darker color. If you saturate the color by 10%, you get **78779B**, and if you desaturate by 10%, it is **96969B**.

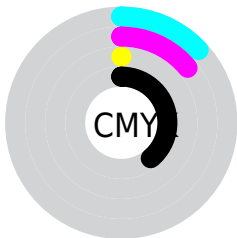
Distribution



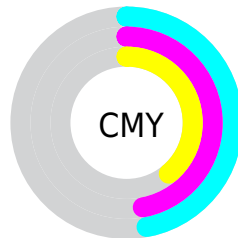
- Red (53%)
- Green (53%)
- Blue (61%)



- Red (53%)
- Yellow (53%)
- Blue (61%)



- Cyan (13%)
- Magenta (14%)
- Yellow (0%)
- Black (39%)



- Cyan (47%)
- Magenta (47%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87869B 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 87869B by changing the saturation by 10% instead.



87869B



87869B

FFFFFF



6E6D81



BCBBD1



555468



D8D7EE



3E3D50



F5F3FF



282839



131323



00010D



000000



87869B



87869B



78779B



96969B

69679B

A5A59B

5B589B

B3B49B

4C489B

C2C49B

3D399B

D1D49B

2E299B

E0E39B

201A9B

EEF29B

110A9B

FDF99B

07009B

FFF99B

Harmonies

Analogous

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



7A8A9C



87869B



938394

Triad

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



87869B



9B8377



728E85

Complementary

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



87869B



9A9B86

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.



7B8C7B



87869B



938673

Square

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



87869B



9E8180



878A75



6D8E90

Rectangle

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



87869B



9A818E



878A75



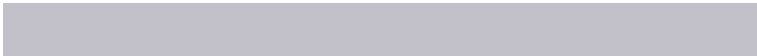
748E82

Sweetspot

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



87869B



C2C1C9



869A9B



616166



E6E6E6



666666

Same Dimension

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



87869B



ABA9C9



91869B



45454D



07008C



01000D

Inverse Universe

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



9B869A



C9A9C8



909B86



4D454C



8C0086



0D000C

Previews

White Background



This preview shows how the Hex color 87869B looks on a white background.

Color Contrast Check

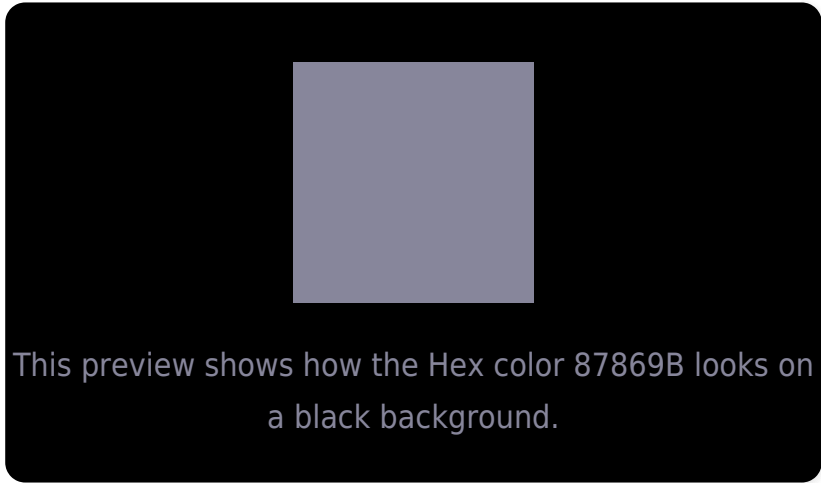
Large Text (above 18pt) WCAG AA ✓ Pass

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

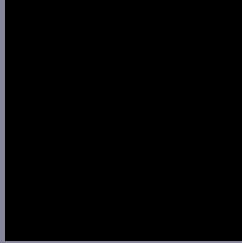
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

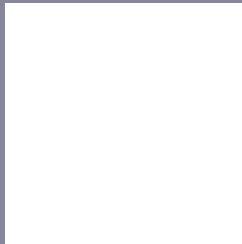
Any Text WCAG AAA × Fail

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

Hex 87869B Background



This preview shows how black text looks on a background with the Hex color 87869B.



This preview shows how white text looks on a background with the Hex color 87869B.

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
87869B

Protanopia
84879C

Deuteranopia
8C849B



Tritanopia
858792

Trichromacy



Original Color

87869B

Protanomaly

85879C

Deuteranomaly

8A859B

Tritanomaly

868795

Monochromacy



Original Color

87869B

Achromatopsia

898989

Achromatomaly

888890

CSS Examples

Text

The CSS property to change the color of the text to Hex 87869B 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 #87869B looks like.

```
.text, #text, p{  
    color:#87869B  
}
```

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 #87869B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87869B
}
```

Border

The CSS property to change the border of an element to Hex 87869B 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
#87869B }
```

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

```
.border{ border-color:#87869B }
```

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

Here you see how a box with a 4 pixel #87869B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87869B; -webkit-box-shadow:4px 4px  
4px 4px #87869B; box-shadow:4px 4px 4px  
4px #87869B }
```

Background

The CSS property to change the background color of an element to Hex 87869B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87869B }
```

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

```
.background{ background-color:#87869B }
```

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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