

Converting Colors

Hex(87999F)

Have a look what the booklet for
Hex(87999F) contains.

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Color

Hex(87999F)

Conversions

Conversions Part 1

Format	Color
Hex	87999F
RGB	135, 153, 159
RGB Percent	53%, 60%, 62%
CMY	0.4706, 0.4000, 0.3765
CMYK	0.15, 0.04, 0.00, 0.38
HSL	195°, 11%, 58%
HSV	195°, 15%, 62%
XYZ	27.6409, 30.4366, 37.2189
YIQ	148.3020, -12.6540, -1.9500

Conversions

Conversions Part 2

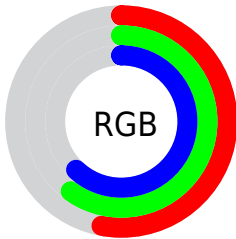
Format	Color
R_{YB}	135, 145, 159
Decimal	8886687
CIE _{Lab}	62.03, -5.07, -5.31
CIE _{LCh}	62, 7.338, 226.320
Yxy	30.4366, 0.2901, 0.3194
Android (android.graphics.Color)	4287076767 (0xFF87999F)
YUV	148.3020, 5.2741, -11.6659
Hunter-Lab	55.1693, -7.1144, -1.3803

Details

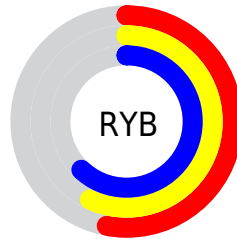
The Hex color **87999F** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9F8D87**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **BCCFD6**, and **55666C** is the 20% darker color. If you saturate the color by 10%, you get **77959F**, and if you desaturate by 10%, it is **979D9F**.

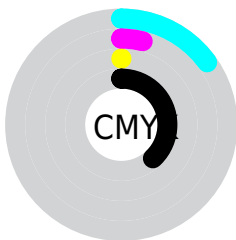
Distribution



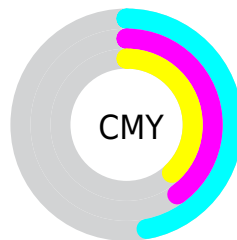
- Red (53%)
- Green (60%)
- Blue (62%)



- Red (53%)
- Yellow (57%)
- Blue (62%)



- Cyan (15%)
- Magenta (4%)
- Yellow (0%)
- Black (38%)



- Cyan (47%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87999F 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 87999F by changing the saturation by 10% instead.

■ 87999F

■ 87999F

FFFFFF

■ 6E7F85

■ BCCFD6

■ 55666C

■ D8ECF2

■ 3E4E53

■ F5FFFF

■ 27373C

■ 122227

■ 000C12

■ 000000

■ 87999F

■ 87999F

■ 77959F

■ 979D9F

67919F

A7A19F

578D9F

B7A59F

47899F

C7A99F

37859F

D7AD9F

28819F

E6B19F

187D9F

F6B59F

08799F

FFB99F

00779F

FFBD9F

Harmonies

Analogous

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



869A99



87999F



8C97A2

Triad

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



87999F



A19299



989789

Complementary

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



87999F



9F8D87

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.



9E9489



87999F



A49292

Square

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



87999F



9B939F



A3938D



90988D

Rectangle

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



87999F



9196A3



A3938D



9A9689

Sweetspot

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



87999F



C4CCCF



879F8D



626769



E8E8E8



696969

Same Dimension

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



87999F



A9C5CF



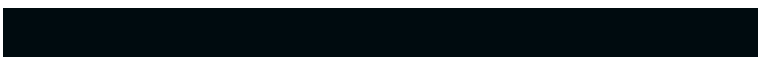
878D9F



474D4F



006B8F



000B0F

Inverse Universe

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



9F8799



CFA9C5



9F9987



4F474D



8F006B



0F000B

Previews

White Background



This preview shows how the Hex color 87999F looks on a white background.

Color Contrast Check

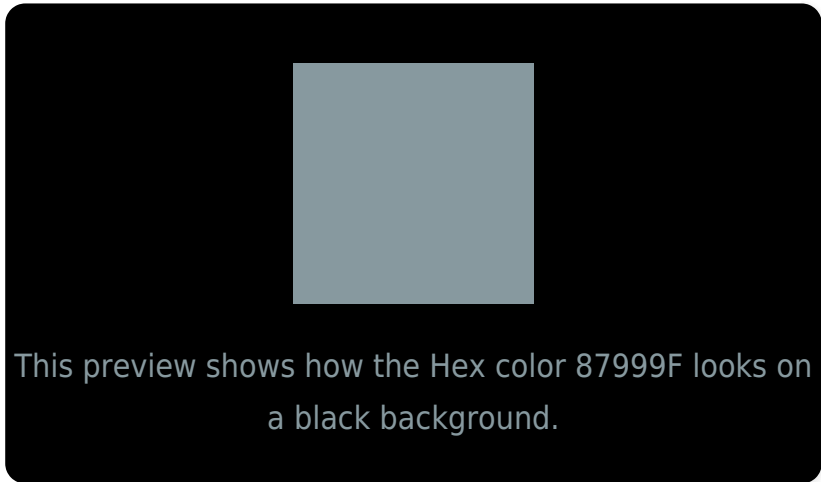
Large Text (above 18pt) WCAG AA × Fail

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

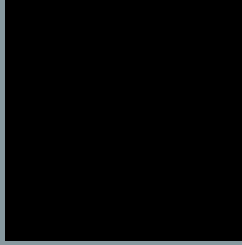
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

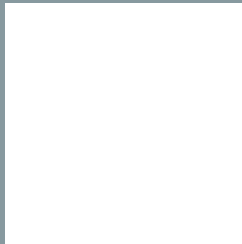
Any Text WCAG AAA ✓ Pass

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

Hex 87999F Background



This preview shows how black text looks on a background with the Hex color 87999F.



This preview shows how white text looks on a background with the Hex color 87999F.

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
87999F

Protanopia
96959C

Deuteranopia
9F91A1



Tritanopia
8898A4

Trichromacy



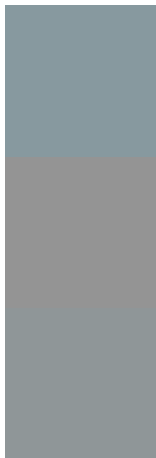
Original Color
87999F

Protanomaly
91969D

Deuteranomaly
9694A0

Tritanomaly
8898A2

Monochromacy



Original Color
87999F

Achromatopsia
949494

Achromatomaly
8F9698

CSS Examples

Text

The CSS property to change the color of the text to Hex 87999F 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 #87999F looks like.

```
.text, #text, p{  
    color:#87999F  
}
```

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 #87999F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87999F
}
```

Border

The CSS property to change the border of an element to Hex 87999F 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
#87999F }
```

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

```
.border{ border-color:#87999F }
```

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

Here you see how a box with a 4 pixel #87999F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87999F; -webkit-box-shadow:4px 4px  
4px 4px #87999F; box-shadow:4px 4px 4px  
4px #87999F }
```

Background

The CSS property to change the background color of an element to Hex 87999F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87999F }
```

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

```
.background{ background-color:#87999F }
```

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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