

Converting Colors

Hex(87998D)

Have a look what the booklet for
Hex(87998D) contains.

Hex(87998D)	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(87998D)

Conversions

Conversions Part 1

Format	Color
Hex	87998D
RGB	135, 153, 141
RGB Percent	53%, 60%, 55%
CMY	0.4706, 0.4000, 0.4471
CMYK	0.12, 0.00, 0.08, 0.40
HSL	140°, 8%, 56%
HSV	140°, 12%, 60%
XYZ	26.1906, 29.8564, 29.5818
YIQ	146.2500, -6.8760, -7.5480

Conversions

Conversions Part 2

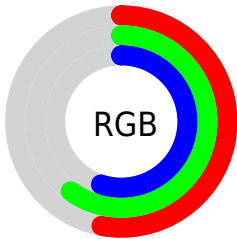
Format	Color
R_{YB}	135, 149, 153
Decimal	8886669
CIE _{Lab}	61.53, -8.82, 4.14
CIE _{LCh}	62, 9.739, 154.852
Yxy	29.8564, 0.3059, 0.3487
Android (android.graphics.Color)	4287076749 (0xFF87998D)
YUV	146.2500, -2.5882, -9.8663
Hunter-Lab	54.6411, -10.0630, 6.1501

Details

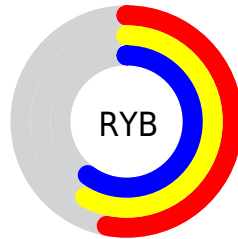
The Hex color **87998D** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **998793**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **BCCFC3**, and **55665B** is the 20% darker color. If you saturate the color by 10%, you get **789983**, and if you desaturate by 10%, it is **969997**.

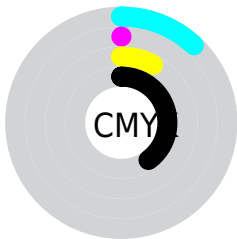
Distribution



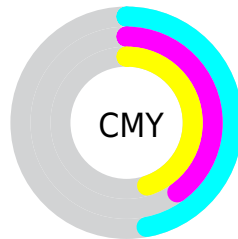
- Red (53%)
- Green (60%)
- Blue (55%)



- Red (53%)
- Yellow (58%)
- Blue (60%)



- Cyan (12%)
- Magenta (0%)
- Yellow (8%)
- Black (40%)



- Cyan (47%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87998D 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 87998D by changing the saturation by 10% instead.

87998D

87998D

FFFFFF

6E7F73

BCCFC3

55665B

D8ECDE

3E4E43

F5FFFB

28372D

132219

000A00

000000

87998D

87998D

789983

969997

689979

A699A1

59996E

B599AC

4A9964

C499B6

3B995A

D399C0

2B9950

E399CA

1C9946

F299D4

0D993B

FF99DF

009933

FF99E9

Harmonies

Analogous

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



909786



87998D



819A96

Triad

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



87998D



8D95A6



A78F8B

Complementary

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



87998D



998793

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.



A78F93



87998D



9892A3

Square

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



87998D



8497A4



A1909C



A29285

Rectangle

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



87998D



7F9A9B



A1909C



A78F8E

Sweetspot

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



87998D



BFC7C2



939987



5E6360



E3E3E3



636363

Same Dimension

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



87998D



ABC7B4



879996



454D47



008C2F



000D04

Inverse Universe

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



998793



C7ABBE



99878A



4D454A



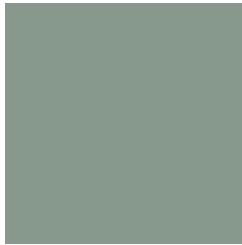
8C005E



0D0009

Previews

White Background



This preview shows how the Hex color 87998D looks on a white background.

Color Contrast Check

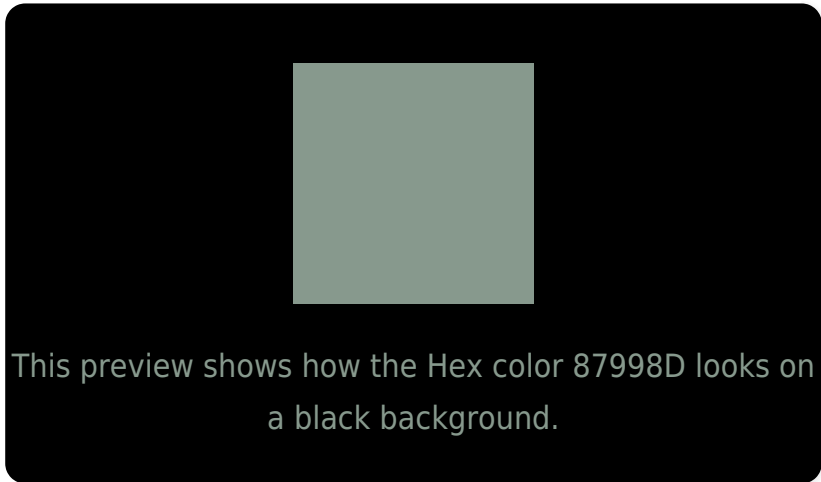
Large Text (above 18pt) WCAG AA ✓ Pass

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

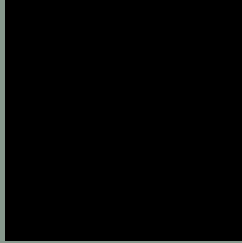
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

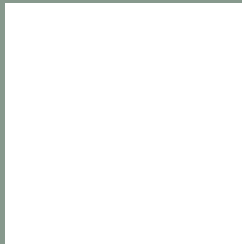
Any Text WCAG AAA × Fail

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

Hex 87998D Background



This preview shows how black text looks on a background with the Hex color 87998D.

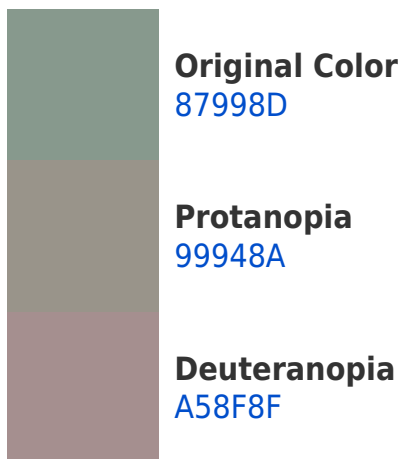


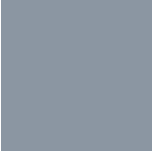
This preview shows how white text looks on a background with the Hex color 87998D.

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
8B96A2

Trichromacy



Original Color
87998D

Protanomaly
92968B

Deuteranomaly
9A938E

Tritanomaly
8A979A

Monochromacy



Original Color
87998D

Achromatopsia
929292

Achromatomaly
8E9590

CSS Examples

Text

The CSS property to change the color of the text to Hex 87998D 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 #87998D looks like.

```
.text, #text, p{  
    color:#87998D  
}
```

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 #87998D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87998D
}
```

Border

The CSS property to change the border of an element to Hex 87998D 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
#87998D }
```

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

```
.border{ border-color:#87998D }
```

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

Here you see how a box with a 4 pixel #87998D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87998D; -webkit-box-shadow:4px 4px  
4px 4px #87998D; box-shadow:4px 4px 4px  
4px #87998D }
```

Background

The CSS property to change the background color of an element to Hex 87998D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87998D }
```

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

```
.background{ background-color:#87998D }
```

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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