

Converting Colors

Hex(87948E)

Have a look what the booklet for
Hex(87948E) contains.

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Color

Hex(87948E)

Conversions

Conversions Part 1

Format	Color
Hex	87948E
RGB	135, 148, 142
RGB Percent	53%, 58%, 56%
CMY	0.4706, 0.4196, 0.4431
CMYK	0.09, 0.00, 0.04, 0.42
HSL	152°, 6%, 55%
HSV	152°, 9%, 58%
XYZ	25.4641, 28.2837, 29.7084
YIQ	143.4290, -5.8220, -4.6220

Conversions

Conversions Part 2

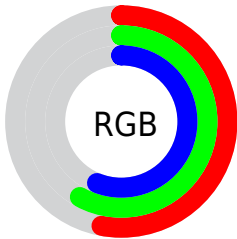
Format	Color
R_{YB}	135, 143, 148
Decimal	8885390
CIE Lab	60.14, -5.88, 1.56
CIE LCh	60, 6.083, 165.099
Yxy	28.2837, 0.3051, 0.3389
Android (android.graphics.Color)	4287075470 (0xFF87948E)
YUV	143.4290, -0.7045, -7.3922
Hunter-Lab	53.1824, -7.6024, 4.1075

Details

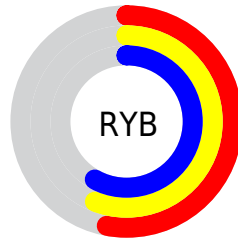
The Hex color **87948E** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **94878D**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **BCCAC4**, and **55615C** is the 20% darker color. If you saturate the color by 10%, you get **789487**, and if you desaturate by 10%, it is **969495**.

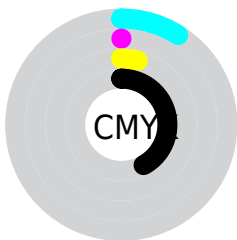
Distribution



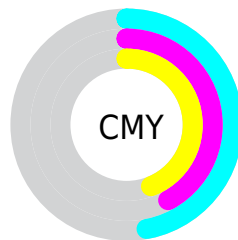
- Red (53%)
- Green (58%)
- Blue (56%)



- Red (53%)
- Yellow (56%)
- Blue (58%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (42%)



- Cyan (47%)
- Magenta (42%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87948E 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 87948E by changing the saturation by 10% instead.

87948E

87948E

FFFFFF

6E7A74

BCCAC4

55615C

D8E6E0

3E4A44

F4FFFC

28332E

141E1A

000100

000000

87948E

87948E

789487

969495

699480

A5949C

5B947A

B394A2

4C9473

C294A9

3D946C

D194B0

2E9465

E094B7

1F945E

EF94BE

119457

FD94C5

029451

FF94CB

Harmonies

Analogous

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



8C9389



87948E



849493

Triad

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



87948E



8F909B



9C8E8A

Complementary

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



87948E



94878D

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.



9D8D8E



87948E



958F99

Square

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



87948E



89929B



9A8E94



989087

Rectangle

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



87948E



849497



9A8E94



9D8E8B

Sweetspot

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



87948E



BABFBD



8D9487



5D615F



E0E0E0



616161

Same Dimension

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



87948E



AABFB6



879494



434A47



008A4A



000A05

Inverse Universe

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



94878D



BFAAB4



948787



4A4346



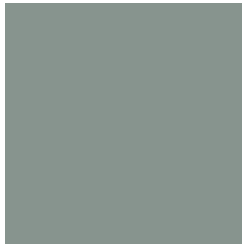
8A0040



0A0005

Previews

White Background



This preview shows how the Hex color 87948E looks on a white background.

Color Contrast Check

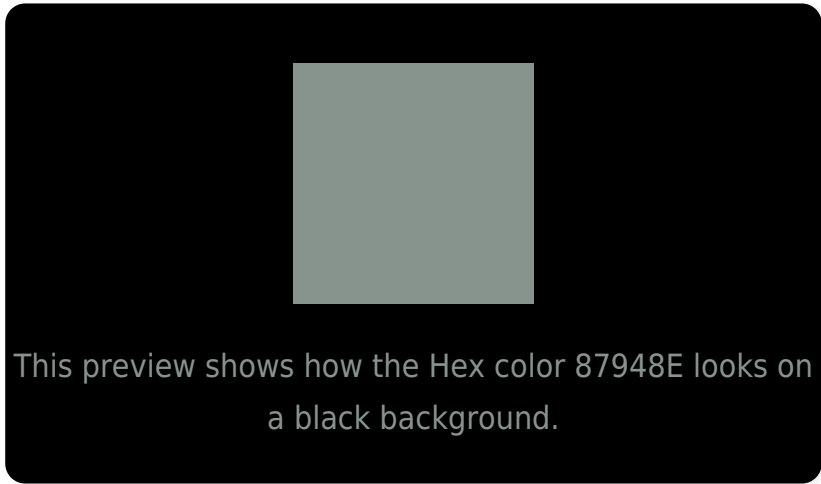
Large Text (above 18pt) WCAG AA ✓ Pass

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

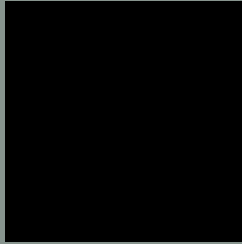
Any Text WCAG AA ✓ Pass

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 87948E Background



This preview shows how black text looks on a background with the Hex color 87948E.

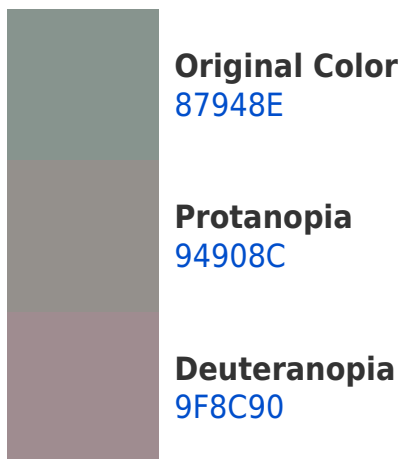


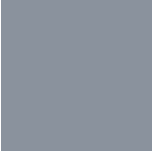
This preview shows how white text looks on a background with the Hex color 87948E.

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](#).

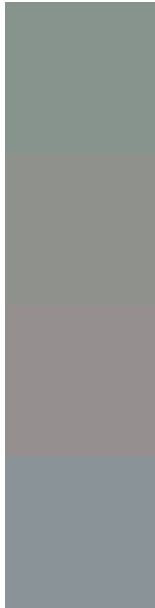
Dichromacy





Tritanopia
8A929D

Trichromacy



Original Color
87948E

Protanomaly
8F918D

Deuteranomaly
968F8F

Tritanomaly
899398

Monochromacy



Original Color
87948E

Achromatopsia
8F8F8F

Achromatomaly
8C918F

CSS Examples

Text

The CSS property to change the color of the text to Hex 87948E 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 #87948E looks like.

```
.text, #text, p{  
    color:#87948E  
}
```

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 #87948E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87948E
}
```

Border

The CSS property to change the border of an element to Hex 87948E is called "border". The border property can be set on classes, ids or directly on the HTML element.

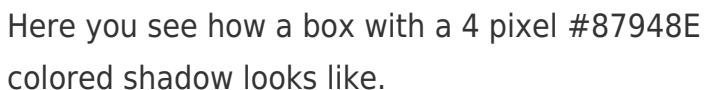
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87948E }
```

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

```
.border{ border-color:#87948E }
```

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



Here you see how a box with a 4 pixel #87948E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87948E; -webkit-box-shadow:4px 4px  
4px 4px #87948E; box-shadow:4px 4px 4px  
4px #87948E }
```

Background

The CSS property to change the background color of an element to Hex 87948E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87948E }
```

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

```
.background{ background-color:#87948E }
```

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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