

Converting Colors

Hex(87968F)

Have a look what the booklet for
Hex(87968F) contains.

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Color

Hex(87968F)

Conversions

Conversions Part 1

Format	Color
Hex	87968F
RGB	135, 150, 143
RGB Percent	53%, 59%, 56%
CMY	0.4706, 0.4118, 0.4392
CMYK	0.10, 0.00, 0.05, 0.41
HSL	152°, 7%, 56%
HSV	152°, 10%, 59%
XYZ	25.8559, 28.9468, 30.2111
YIQ	144.7170, -6.6930, -5.3570

Conversions

Conversions Part 2

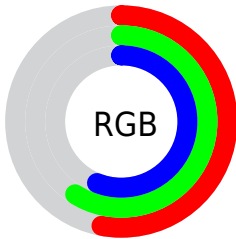
Format	Color
R_{YB}	135, 145, 150
Decimal	8885903
CIE Lab	60.73, -6.78, 1.85
CIE LCh	61, 7.027, 164.698
Yxy	28.9468, 0.3041, 0.3405
Android (android.graphics.Color)	4287075983 (0xFF87968F)
YUV	144.7170, -0.8465, -8.5218
Hunter-Lab	53.8022, -8.3713, 4.3689

Details

The Hex color **87968F** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **96878E**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **BCCCC5**, and **55635D** is the 20% darker color. If you saturate the color by 10%, you get **789688**, and if you desaturate by 10%, it is **969696**.

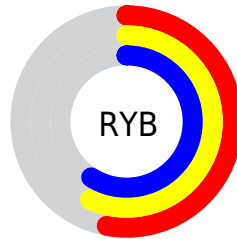
Distribution



Red (53%)

Green (59%)

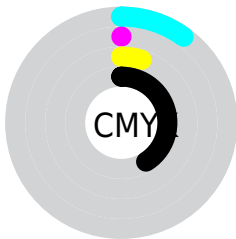
Blue (56%)



Red (53%)

Yellow (57%)

Blue (59%)

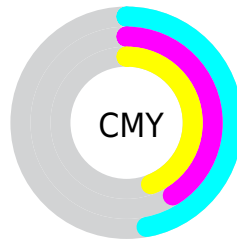


Cyan (10%)

Magenta (0%)

Yellow (5%)

Black (41%)



Cyan (47%)

Magenta (41%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87968F 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 87968F by changing the saturation by 10% instead.



87968F



87968F

FFFFFF



6E7C75



BCCCC5



55635D



D8E8E1



3E4B45



F5FFFD



28352F



131F1A



000500



000000



87968F



87968F



789688



969696

699681

A5969D

5A967A

B496A4

4B9673

C396AB

3C966C

D296B2

2D9665

E196B9

1E965E

F096C0

0F9657

FF96C7

009650

FF96CE

Harmonies

Analogous

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



8D958A



87968F



849695

Triad

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



87968F



90929E



9F8F8A

Complementary

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



87968F



96878E

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.



A08E90



87968F



97909B

Square

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



87968F



89949E



9D8F96



9B9187

Rectangle

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



87968F



849699



9D8F96



A08F8C

Sweetspot

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



87968F



BCC2BF



8E9687



5D615F



E0E0E0



616161

Same Dimension

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



87968F



ABC2B7



879696



434A46



008A49



000A05

Inverse Universe

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



96878E



C2ABB5



968887



4A4346



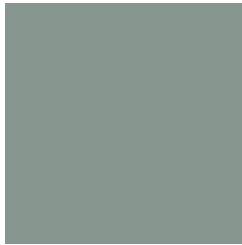
8A0040



0A0005

Previews

White Background



This preview shows how the Hex color 87968F looks on a white background.

Color Contrast Check

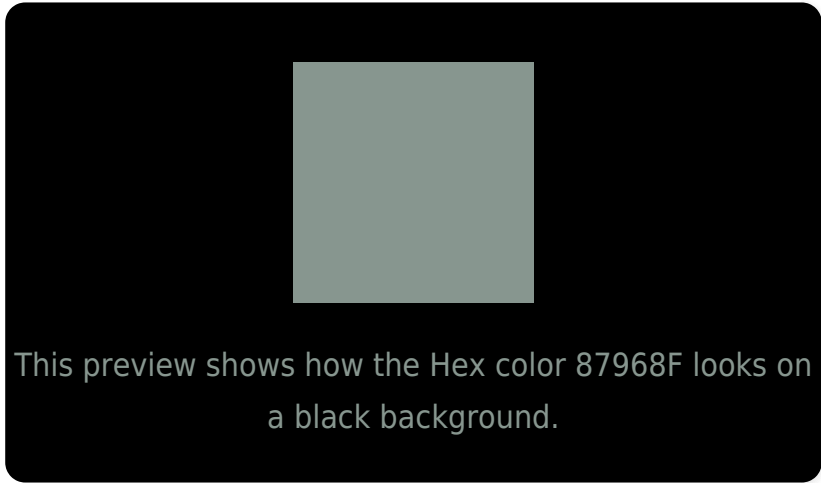
Large Text (above 18pt) WCAG AA ✓ Pass

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

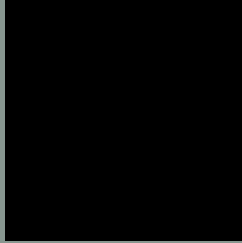
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

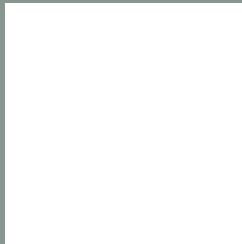
Any Text WCAG AAA × Fail

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

Hex 87968F Background



This preview shows how black text looks on a background with the Hex color 87968F.

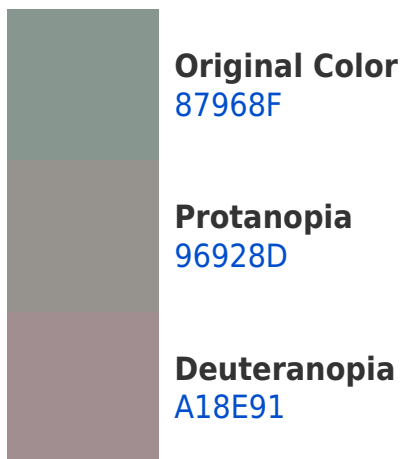


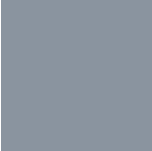
This preview shows how white text looks on a background with the Hex color 87968F.

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
8A949F

Trichromacy



Original Color
87968F

Protanomaly
91938E

Deuteranomaly
989190

Tritanomaly
899599

Monochromacy



Original Color
87968F

Achromatopsia
919191

Achromatomaly
8D9390

CSS Examples

Text

The CSS property to change the color of the text to Hex 87968F 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 #87968F looks like.

```
.text, #text, p{  
    color:#87968F  
}
```

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 #87968F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87968F
}
```

Border

The CSS property to change the border of an element to Hex 87968F 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
#87968F }
```

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

```
.border{ border-color:#87968F }
```

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

Here you see how a box with a 4 pixel #87968F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87968F; -webkit-box-shadow:4px 4px  
4px 4px #87968F; box-shadow:4px 4px 4px  
4px #87968F }
```

Background

The CSS property to change the background color of an element to Hex 87968F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87968F }
```

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

```
.background{ background-color:#87968F }
```

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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