

Converting Colors

Hex(87878F)

Have a look what the booklet for
Hex(87878F) contains.

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Color

Hex(87878F)

Conversions

Conversions Part 1

Format	Color
Hex	87878F
RGB	135, 135, 143
RGB Percent	53%, 53%, 56%
CMY	0.4706, 0.4706, 0.4392
CMYK	0.06, 0.06, 0.00, 0.44
HSL	240°, 3%, 55%
HSV	240°, 6%, 56%
XYZ	23.6136, 24.4620, 29.4637
YIQ	135.9120, -2.5680, 2.4880

Conversions

Conversions Part 2

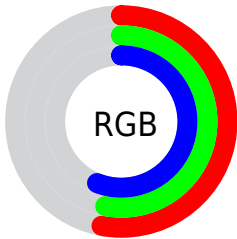
Format	Color
R_{YB}	135, 135, 143
Decimal	8882063
CIE _{Lab}	56.55, 1.62, -4.28
CIE _{LCh}	57, 4.576, 290.729
Yxy	24.4620, 0.3045, 0.3155
Android (android.graphics.Color)	4287072143 (0xFF87878F)
YUV	135.9120, 3.4944, -0.7998
Hunter-Lab	49.4591, -1.3310, -0.6988

Details

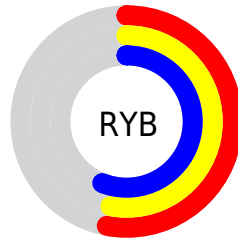
The Hex color **87878F** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8F8F87**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **BCBCC5**, and **55555D** is the 20% darker color. If you saturate the color by 10%, you get **79798F**, and if you desaturate by 10%, it is **95958F**.

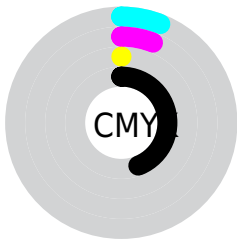
Distribution



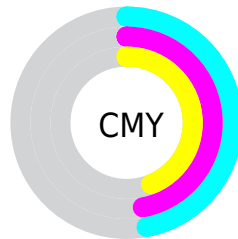
- Red (53%)
- Green (53%)
- Blue (56%)



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



- Cyan (6%)
- Magenta (6%)
- Yellow (0%)
- Black (44%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 87878F 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 87878F by changing the saturation by 10% instead.



87878F



87878F

FFFFFF



6E6E75



BCBCC5



55555D



D8D8E1



3E3E45



F4F4FD



28282F



14141A



000000



87878F



87878F



79798F



95958F



6A6A8F



A4A48F

5C5C8F

B2B28F

4E4E8F

C0C08F

40408F

CFCF8F

31318F

DDDD8F

23238F

EBEB8F

15158F

F9F98F

06068F

FFFF8F

Harmonies

Analogous

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



82888F



87878F



8C868D

Triad

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



87878F



8F8682



808A86

Complementary

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



87878F



8F8F87

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.



838982



87878F



8C8780

Square

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



87878F



918585



888880



7E8A8A

Rectangle

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



87878F



8E858A



888880



818A85

Sweetspot

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



87878F



B6B6BA



878F8F



5C5C5E



DEDEDE



5E5E5E

Same Dimension

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



87878F



ADADBA



8B878F



424247



000087



000008

Inverse Universe

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



8F878F



BAADBA



8B8F87



474247



870087



080008

Previews

White Background



This preview shows how the Hex color 87878F looks on a white background.

Color Contrast Check

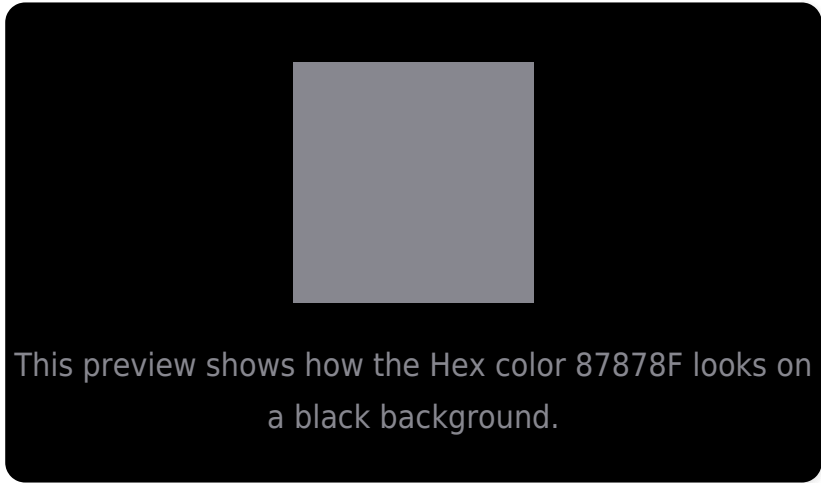
Large Text (above 18pt) WCAG AA ✓ Pass

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

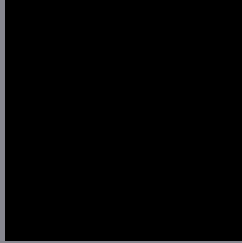
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

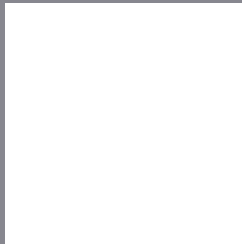
Any Text WCAG AAA × Fail

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

Hex 87878F Background



This preview shows how black text looks on a background with the Hex color 87878F.



This preview shows how white text looks on a background with the Hex color 87878F.

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

87878F

Protanopia

88878F

Deuteranopia

918490



Tritanopia
878791

Trichromacy



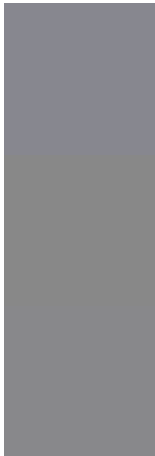
Original Color
87878F

Protanomaly
88878F

Deuteranomaly
8D8590

Tritanomaly
878790

Monochromacy



Original Color
87878F

Achromatopsia
888888

Achromatomaly
88888B

CSS Examples

Text

The CSS property to change the color of the text to Hex 87878F 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 #87878F looks like.

```
.text, #text, p{  
    color:#87878F  
}
```

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 #87878F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87878F
}
```

Border

The CSS property to change the border of an element to Hex 87878F is called "border". The border property can be set on classes, ids or directly on the HTML element.

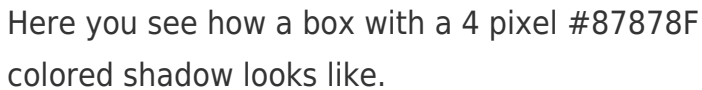
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87878F }
```

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

```
.border{ border-color:#87878F }
```

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



Here you see how a box with a 4 pixel #87878F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87878F; -webkit-box-shadow:4px 4px  
4px 4px #87878F; box-shadow:4px 4px 4px  
4px #87878F }
```

Background

The CSS property to change the background color of an element to Hex 87878F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87878F }
```

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

```
.background{ background-color:#87878F }
```

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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