

Converting Colors

Hex(878B8C)

Have a look what the booklet for
Hex(878B8C) contains.

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Color

Hex(878B8C)

Conversions

Conversions Part 1

Format	Color
Hex	878B8C
RGB	135, 139, 140
RGB Percent	53%, 55%, 55%
CMY	0.4706, 0.4549, 0.4510
CMYK	0.04, 0.01, 0.00, 0.45
HSL	192°, 2%, 54%
HSV	192°, 4%, 55%
XYZ	23.9579, 25.5096, 28.4721
YIQ	137.9180, -2.7050, -0.5370

Conversions

Conversions Part 2

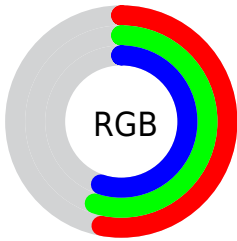
Format	Color
RYB	135, 137, 140
Decimal	8883084
CIELab	57.57, -1.26, -1.05
CIElCh	58, 1.642, 219.814
Yxy	25.5096, 0.3074, 0.3273
Android (android.graphics.Color)	4287073164 (0xFF878B8C)
YUV	137.9180, 1.0264, -2.5591
Hunter-Lab	50.5070, -3.7161, 1.9317

Details

The Hex color **878B8C** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8C8887**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **BCC0C1**, and **55595A** is the 20% darker color. If you saturate the color by 10%, you get **79888C**, and if you desaturate by 10%, it is **958E8C**.

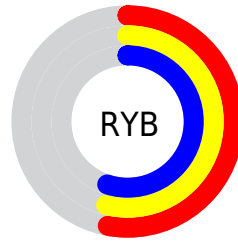
Distribution



Red (53%)

Green (55%)

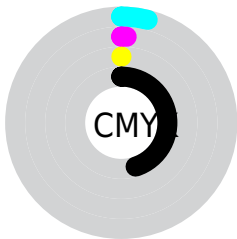
Blue (55%)



Red (53%)

Yellow (54%)

Blue (55%)

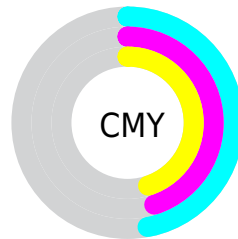


Cyan (4%)

Magenta (1%)

Yellow (0%)

Black (45%)



Cyan (47%)

Magenta (45%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 878B8C 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 878B8C by changing the saturation by 10% instead.



878B8C



878B8C

FFFFFF



6E7273



BCC0C1



55595A



D8DCDD



3E4243



F4F9FA



282C2D



141718



000000



878B8C



878B8C



79888C



958E8C



6B858C



A3918C

5D838C

B1938C

4F808C

BF968C

417D8C

CD998C

337A8C

DB9C8C

25778C

E99F8C

17758C

F7A18C

09728C

FFA48C

Harmonies

Analogous

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



878B8B



878B8C



888B8D

Triad

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



878B8C



8D898B



8B8A87

Complementary

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



878B8C



8C8887

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.



8D8A88



878B8C



8D898A

Square

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



878B8C



8B8A8C



8D8988



898B88

Rectangle

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



878B8C



898A8D



8D8988



8C8A87

Sweetspot

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



878B8C



B3B5B5



878C88



5B5C5C



DBDBDB



5C5C5C

Same Dimension

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



878B8C



AEB4B5



87898C



414445



006A85



000405

Inverse Universe

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



8C878B



B5AEB4



8C8B87



454144



85006A



050004

Previews

White Background



This preview shows how the Hex color 878B8C looks on a white background.

Color Contrast Check

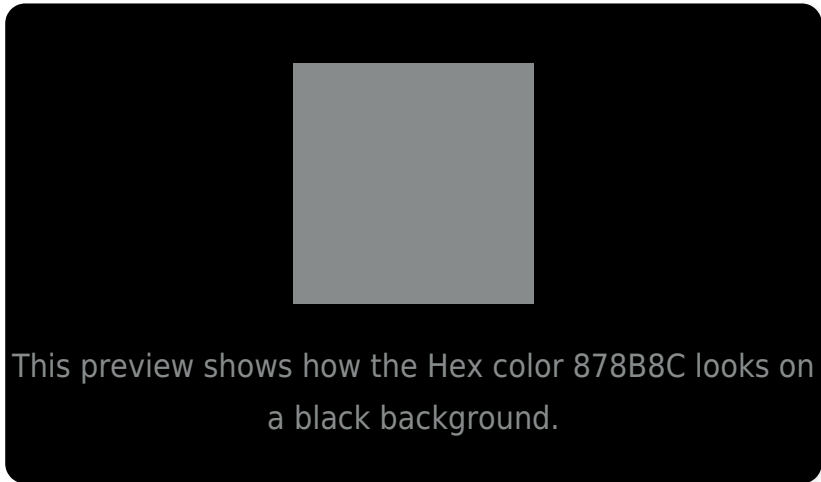
Large Text (above 18pt) WCAG AA ✓ Pass

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

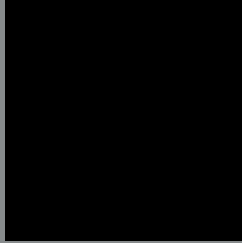
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

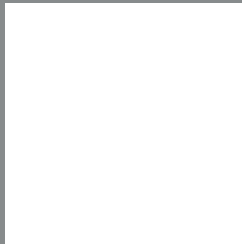
Any Text WCAG AAA × Fail

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

Hex 878B8C Background



This preview shows how black text looks on a background with the Hex color 878B8C.



This preview shows how white text looks on a background with the Hex color 878B8C.

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

878B8C

Protanopia

8C898B

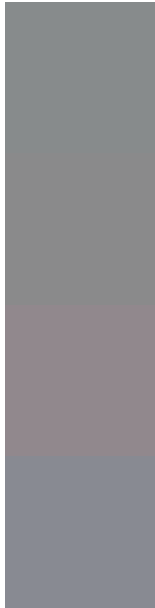
Deuteranopia

96868D



Tritanopia
888A95

Trichromacy



Original Color
878B8C

Protanomaly
8A8A8B

Deuteranomaly
91888D

Tritanomaly
888A92

Monochromacy



Original Color
878B8C

Achromatopsia
8A8A8A

Achromatomaly
898A8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 878B8C 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 #878B8C looks like.

```
.text, #text, p{  
    color:#878B8C  
}
```

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 #878B8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #878B8C
}
```

Border

The CSS property to change the border of an element to Hex 878B8C is called "border". The border property can be set on classes, ids or directly on the HTML element.

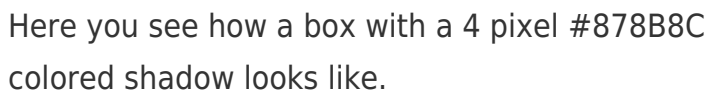
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#878B8C }
```

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

```
.border{ border-color:#878B8C }
```

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



Here you see how a box with a 4 pixel #878B8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #878B8C; -webkit-box-shadow:4px 4px  
4px 4px #878B8C; box-shadow:4px 4px 4px  
4px #878B8C }
```

Background

The CSS property to change the background color of an element to Hex 878B8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#878B8C }
```

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

```
.background{ background-color:#878B8C }
```

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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