

Converting Colors

Hex(878A86)

Have a look what the booklet for
Hex(878A86) contains.

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Color

Hex(878A86)

Conversions

Conversions Part 1

Format	Color
Hex	878A86
RGB	135, 138, 134
RGB Percent	53%, 54%, 53%
CMY	0.4706, 0.4588, 0.4745
CMYK	0.02, 0.00, 0.03, 0.46
HSL	105°, 2%, 53%
HSV	105°, 3%, 54%
XYZ	23.3832, 25.0491, 26.1568
YIQ	136.6470, -0.5040, -1.8800

Conversions

Conversions Part 2

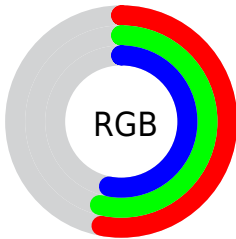
Format	Color
RYB	134, 138, 137
Decimal	8882822
CIELab	57.12, -1.89, 1.75
CIELCh	57, 2.571, 137.233
Yxy	25.0491, 0.3135, 0.3358
Android (android.graphics.Color)	4287072902 (0xFF878A86)
YUV	136.6470, -1.3050, -1.4444
Hunter-Lab	50.0491, -4.1896, 4.0480

Details

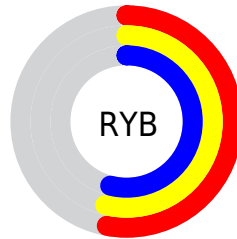
The Hex color **878A86** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **89868A**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **BCBFBB**, and **555854** is the 20% darker color. If you saturate the color by 10%, you get **7D8A78**, and if you desaturate by 10%, it is **918A94**.

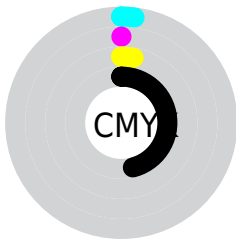
Distribution



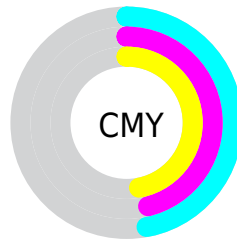
- Red (53%)
- Green (54%)
- Blue (53%)



- Red (53%)
- Yellow (54%)
- Blue (54%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (46%)



- Cyan (47%)
- Magenta (46%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 878A86 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 878A86 by changing the saturation by 10% instead.



878A86



878A86

FFFFFF



6E716D



BCBFBB



555854



D8DBD7



3E413D



F4F8F3



282B28



141613



000000



878A86



878A86



7D8A78



918A94



728A6A



9C8AA2

688A5D

A68AAF

5E8A4F

B08ABD

538A41

BB8ACB

498A33

C58AD9

3F8A25

CF8AE7

348A18

DA8AF4

2A8A0A

E48AFF

Harmonies

Analogous

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



8A8985



878A86



858A88

Triad

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



878A86



868A8D



8E8888

Complementary

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



878A86



89868A

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.



8D888A



878A86



88898D

Square

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



878A86



848A8C



8B888C



8E8886

Rectangle

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



878A86



848A8A



8B888C



8E8889

Sweetspot

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



878A86



B1B3B1



8A8986



595958



D9D9D9



595959

Same Dimension

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



878A86



AEB3AD



868A87



434542



218500



010500

Inverse Universe

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



89868A



B1ADB3



8A8689



444245



630085



040005

Previews

White Background



This preview shows how the Hex color 878A86 looks on a white background.

Color Contrast Check

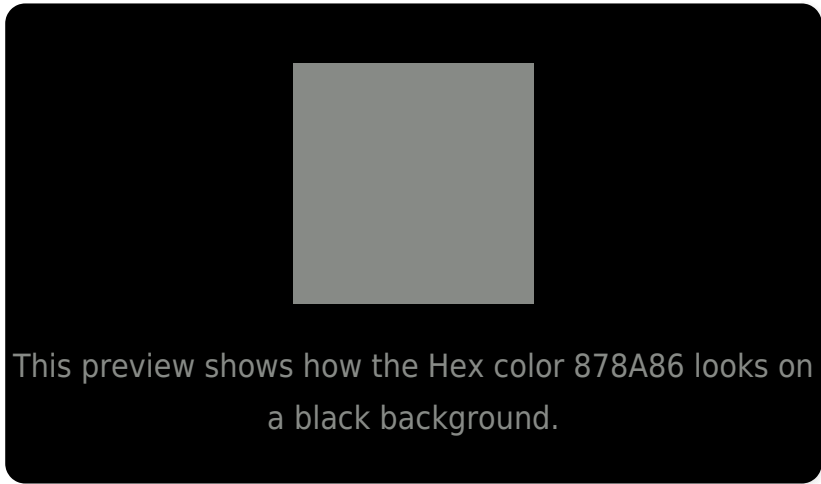
Large Text (above 18pt) WCAG AA ✓ Pass

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

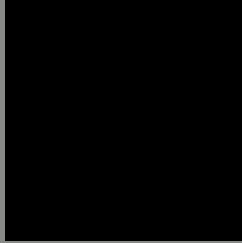
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

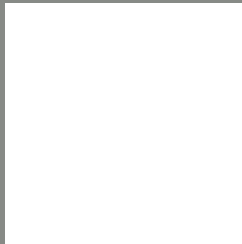
Any Text WCAG AAA × Fail

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

Hex 878A86 Background



This preview shows how black text looks on a background with the Hex color 878A86.



This preview shows how white text looks on a background with the Hex color 878A86.

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

878A86

Protanopia

8C8885

Deuteranopia

978587



Tritanopia
898893

Trichromacy



Original Color
878A86

Protanomaly
8A8985

Deuteranomaly
918787

Tritanomaly
88898E

Monochromacy



Original Color
878A86

Achromatopsia
898989

Achromatomaly
888988

CSS Examples

Text

The CSS property to change the color of the text to Hex 878A86 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 #878A86 looks like.

```
.text, #text, p{  
    color:#878A86  
}
```

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 #878A86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #878A86
}
```

Border

The CSS property to change the border of an element to Hex 878A86 is called "border". The border property can be set on classes, ids or directly on the HTML element.

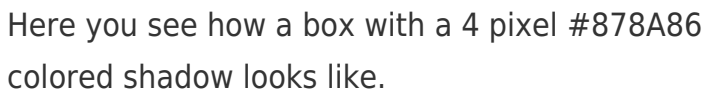
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#878A86 }
```

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

```
.border{ border-color:#878A86 }
```

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



Here you see how a box with a 4 pixel #878A86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #878A86; -webkit-box-shadow:4px 4px  
4px 4px #878A86; box-shadow:4px 4px 4px  
4px #878A86 }
```

Background

The CSS property to change the background color of an element to Hex 878A86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#878A86 }
```

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

```
.background{ background-color:#878A86 }
```

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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