

Converting Colors

Hex(878A80)

Have a look what the booklet for
Hex(878A80) contains.

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Color

Hex(878A80)

Conversions

Conversions Part 1

Format	Color
Hex	878A80
RGB	135, 138, 128
RGB Percent	53%, 54%, 50%
CMY	0.4706, 0.4588, 0.4980
CMYK	0.02, 0.00, 0.07, 0.46
HSL	78°, 4%, 52%
HSV	78°, 7%, 54%
XYZ	22.9764, 24.8864, 24.0146
YIQ	135.9630, 1.4220, -3.7460

Conversions

Conversions Part 2

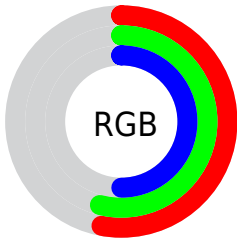
Format	Color
RYB	128, 138, 131
Decimal	8882816
CIELab	56.96, -3.03, 4.96
CIElCh	57, 5.816, 121.411
Yxy	24.8864, 0.3197, 0.3462
Android (android.graphics.Color)	4287072896 (0xFF878A80)
YUV	135.9630, -3.9258, -0.8446
Hunter-Lab	49.8862, -5.0880, 6.3789

Details

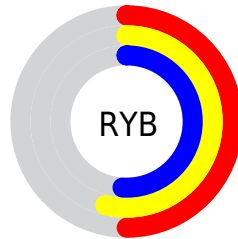
The Hex color **878A80** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **83808A**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **BCBFB5**, and **55584F** is the 20% darker color. If you saturate the color by 10%, you get **838A72**, and if you desaturate by 10%, it is **8B8A8E**.

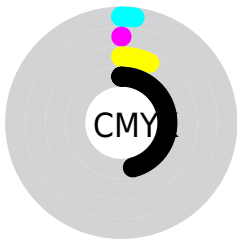
Distribution



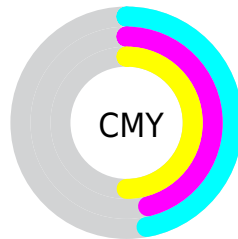
- Red (53%)
- Green (54%)
- Blue (50%)



- Red (50%)
- Yellow (54%)
- Blue (51%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (46%)



- Cyan (47%)
- Magenta (46%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 878A80 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 878A80 by changing the saturation by 10% instead.

 878A80

 878A80

FFFFFF

 6E7167

 BCBFB5

 55584F

 D8DBD0

 3E4138

 F4F8ED

 282B23

 14160D

 000000

 878A80

 878A80

 838A72

 8B8A8E

 7F8A64

 8F8A9C

 7B8A57

 938AA9

 768A49

 988AB7

 728A3B

 9C8AC5

 6E8A2D

 A08AD3

 6A8A1F

 A48AE1

 668A12

 A88AEE

 628A04

 AC8AFC

Harmonies

Analogous

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



8D887F



878A80



818B84

Triad

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



878A80



7F8B91



938589

Complementary

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



878A80



83808A

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.



90868E



878A80



848993

Square

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



878A80



7C8C8E



8A8791



948684

Rectangle

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



878A80



7E8C87



8A8791



92858A

Sweetspot

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



878A80



B1B3AF



8A8380



595957



D9D9D9



595959

Same Dimension

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



878A80



AEB3A2



828A80



43453E



5D8500



040500

Inverse Universe

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



83808A



A7A2B3



88808A



403E45



280085



020005

Previews

White Background



This preview shows how the Hex color 878A80 looks on a white background.

Color Contrast Check

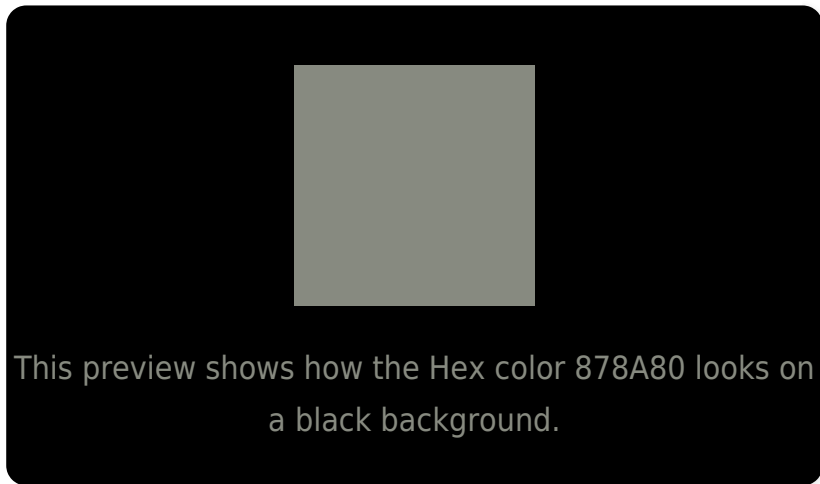
Large Text (above 18pt) WCAG AA ✓ Pass

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

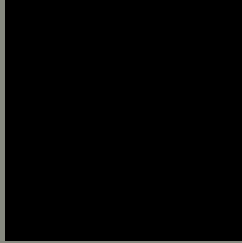
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

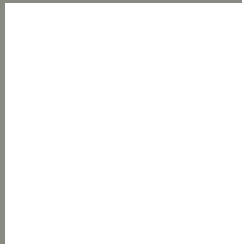
Any Text WCAG AAA × Fail

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

Hex 878A80 Background



This preview shows how black text looks on a background with the Hex color 878A80.



This preview shows how white text looks on a background with the Hex color 878A80.

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
878A80

Protanopia
8D887F

Deuteranopia
998481



Tritanopia
8A8792

Trichromacy



Original Color
878A80

Protanomaly
8B897F

Deuteranomaly
928681

Tritanomaly
89888B

Monochromacy



Original Color
878A80

Achromatopsia
888888

Achromatomaly
888985

CSS Examples

Text

The CSS property to change the color of the text to Hex 878A80 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 #878A80 looks like.

```
.text, #text, p{  
    color:#878A80  
}
```

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 #878A80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #878A80
}
```

Border

The CSS property to change the border of an element to Hex 878A80 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
#878A80 }
```

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

```
.border{ border-color:#878A80 }
```

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

Here you see how a box with a 4 pixel #878A80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #878A80; -webkit-box-shadow:4px 4px  
4px 4px #878A80; box-shadow:4px 4px 4px  
4px #878A80 }
```

Background

The CSS property to change the background color of an element to Hex 878A80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#878A80 }
```

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

```
.background{ background-color:#878A80 }
```

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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