

Converting Colors

Hex(878D80)

Have a look what the booklet for
Hex(878D80) contains.

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Color

Hex(878D80)

Conversions

Conversions Part 1

Format	Color
Hex	878D80
RGB	135, 141, 128
RGB Percent	53%, 55%, 50%
CMY	0.4706, 0.4471, 0.4980
CMYK	0.04, 0.00, 0.09, 0.45
HSL	88°, 5%, 53%
HSV	88°, 9%, 55%
XYZ	23.4128, 25.7592, 24.1601
YIQ	137.7240, 0.5970, -5.3150

Conversions

Conversions Part 2

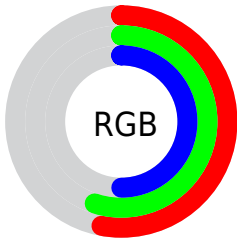
Format	Color
R _Y B	128, 141, 134
Decimal	8883584
CIE Lab	57.81, -4.71, 6.17
CIE LCh	58, 7.763, 127.316
Yxy	25.7592, 0.3193, 0.3513
Android (android.graphics.Color)	4287073664 (0xFF878D80)
YUV	137.7240, -4.7939, -2.3889
Hunter-Lab	50.7535, -6.4757, 7.3037

Details

The Hex color **878D80** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **86808D**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **BCC3B5**, and **555B4F** is the 20% darker color. If you saturate the color by 10%, you get **808D72**, and if you desaturate by 10%, it is **8E8D8E**.

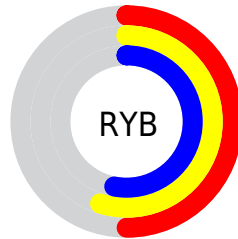
Distribution



Red (53%)

Green (55%)

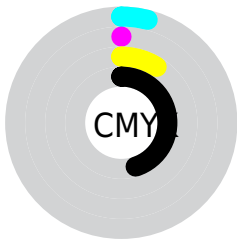
Blue (50%)



Red (50%)

Yellow (55%)

Blue (53%)

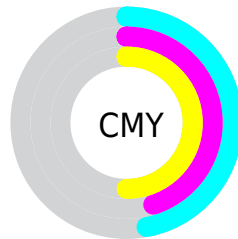


Cyan (4%)

Magenta (0%)

Yellow (9%)

Black (45%)



Cyan (47%)

Magenta (45%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 878D80 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 878D80 by changing the saturation by 10% instead.

878D80

878D80

FFFFFF

6E7367

BCC3B5

555B4F

D8DED0

3E4338

F4FBED

282D23

14190D

000000

878D80

878D80

808D72

8E8D8E

7A8D64

948D9C

738D56

9B8DAA

6D8D48

A18DB8

668D3A

A88DC7

608D2B

AE8DD5

598D1D

B58DE3

538D0F

BB8DF1

4C8D01

C28DFF

Harmonies

Analogous

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



8F8B7D



878D80



808E85

Triad

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



878D80



7F8D97



998689

Complementary

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



878D80



86808D

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.



958790



878D80



868B98

Square

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



878D80



7A8E93



8E8996



998783

Rectangle

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



878D80



7C8F8A



8E8996



98868C

Sweetspot

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



878D80



B5B8B2



8D8680



5A5C58



DBDBDB



5C5C5C

Same Dimension

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



878D80



AEB8A3



818D80



444740



498700



040800

Inverse Universe

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



86808D



ADA3B8



8C808D



444047



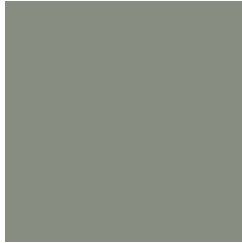
3E0087



040008

Previews

White Background



This preview shows how the Hex color 878D80 looks on a white background.

Color Contrast Check

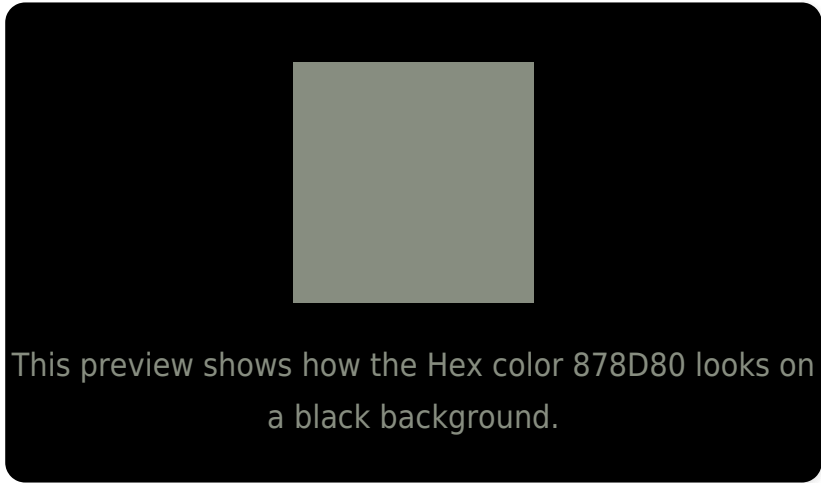
Large Text (above 18pt) WCAG AA ✓ Pass

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

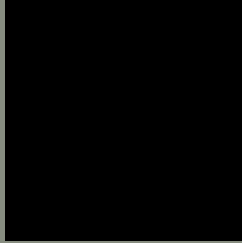
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

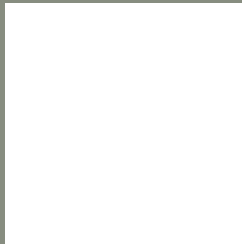
Any Text WCAG AAA × Fail

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

Hex 878D80 Background



This preview shows how black text looks on a background with the Hex color 878D80.



This preview shows how white text looks on a background with the Hex color 878D80.

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
878D80

Protanopia
908A7F

Deuteranopia
9C8681



Tritanopia
8A8A95

Trichromacy



Original Color
878D80

Protanomaly
8D8B7F

Deuteranomaly
948981

Tritanomaly
898B8D

Monochromacy



Original Color
878D80

Achromatopsia
8A8A8A

Achromatomaly
898B86

CSS Examples

Text

The CSS property to change the color of the text to Hex 878D80 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 #878D80 looks like.

```
.text, #text, p{  
    color:#878D80  
}
```

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 #878D80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #878D80
}
```

Border

The CSS property to change the border of an element to Hex 878D80 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
#878D80 }
```

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

```
.border{ border-color:#878D80 }
```

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

Here you see how a box with a 4 pixel #878D80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #878D80; -webkit-box-shadow:4px 4px  
4px 4px #878D80; box-shadow:4px 4px 4px  
4px #878D80 }
```

Background

The CSS property to change the background color of an element to Hex 878D80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#878D80 }
```

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

```
.background{ background-color:#878D80 }
```

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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