

Converting Colors

Hex(878D8D)

Have a look what the booklet for
Hex(878D8D) contains.

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Color

Hex(878D8D)

Conversions

Conversions Part 1

Format	Color
Hex	878D8D
RGB	135, 141, 141
RGB Percent	53%, 55%, 55%
CMY	0.4706, 0.4471, 0.4471
CMYK	0.04, 0.00, 0.00, 0.45
HSL	180°, 3%, 54%
HSV	180°, 4%, 55%
XYZ	24.3243, 26.1237, 28.9597
YIQ	139.2060, -3.5760, -1.2720

Conversions

Conversions Part 2

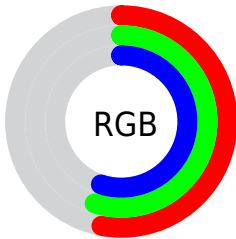
Format	Color
R_{YB}	135, 138, 141
Decimal	8883597
CIE _{Lab}	58.15, -2.18, -0.77
CIE _{LCh}	58, 2.315, 199.361
Yxy	26.1237, 0.3063, 0.3290
Android (android.graphics.Color)	4287073677 (0xFF878D8D)
YUV	139.2060, 0.8844, -3.6887
Hunter-Lab	51.1114, -4.4955, 2.1843

Details

The Hex color **878D8D** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8D8787**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **BCC3C3**, and **555B5B** is the 20% darker color. If you saturate the color by 10%, you get **798D8D**, and if you desaturate by 10%, it is **958D8D**.

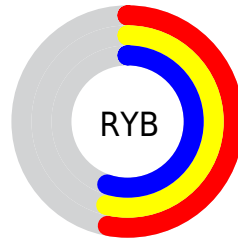
Distribution



Red (53%)

Green (55%)

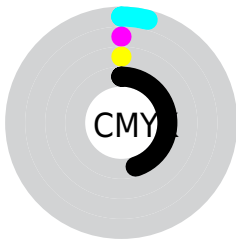
Blue (55%)



Red (53%)

Yellow (54%)

Blue (55%)

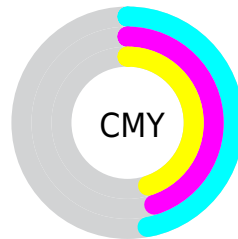


Cyan (4%)

Magenta (0%)

Yellow (0%)

Black (45%)



Cyan (47%)

Magenta (45%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 878D8D 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 878D8D by changing the saturation by 10% instead.

878D8D

878D8D

FFFFFF

6E7373

BCC3C3

555B5B

D8DEDE

3E4344

F4FBFB

282D2D

141919

000000

878D8D

878D8D

798D8D

958D8D

6B8D8D

A38D8D

5D8D8D

B18D8D

4F8D8D

BF8D8D

418D8D

CE8D8D

328D8D

DC8D8D

248D8D

EA8D8D

168D8D

F88D8D

088D8D

FF8D8D

Harmonies

Analogous

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



888D8B



878D8D



878D8F

Triad

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



878D8D



8E8B8E



8E8B88

Complementary

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



878D8D



8D8787

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.



908B89



878D8D



908B8D

Square

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



878D8D



8B8B90



908A8A



8C8C88

Rectangle

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



878D8D



888C8F



908A8A



8F8B88

Sweetspot

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



878D8D



B6B8B8



878D87



5B5C5C



DBDBDB



5C5C5C

Same Dimension

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



878D8D



AEB8B8



878A8D



434747



008787



000808

Inverse Universe

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



8D878D



B8AEB8



8D8A87



474347



870087



080008

Previews

White Background



This preview shows how the Hex color 878D8D looks on a white background.

Color Contrast Check

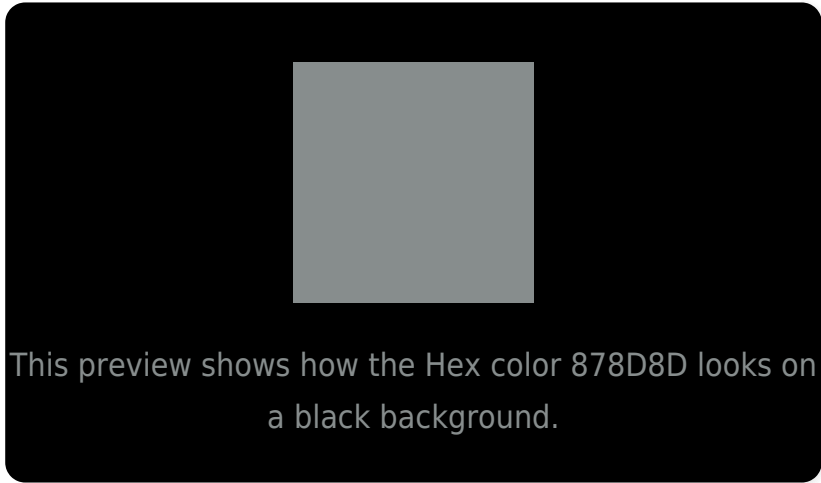
Large Text (above 18pt) WCAG AA ✓ Pass

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

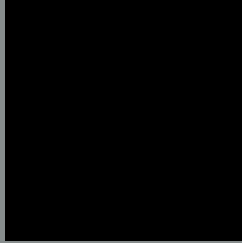
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

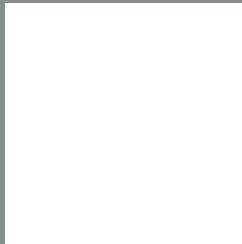
Any Text WCAG AAA × Fail

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

Hex 878D8D Background



This preview shows how black text looks on a background with the Hex color 878D8D.



This preview shows how white text looks on a background with the Hex color 878D8D.

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

878D8D

Protanopia

8E8B8C

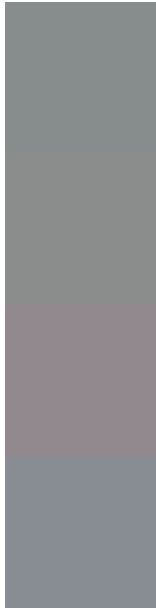
Deuteranopia

98878E



Tritanopia
898C97

Trichromacy



Original Color
878D8D

Protanomaly
8B8C8C

Deuteranomaly
92898E

Tritanomaly
888C93

Monochromacy



Original Color
878D8D

Achromatopsia
8B8B8B

Achromatomaly
8A8C8C

CSS Examples

Text

The CSS property to change the color of the text to Hex 878D8D 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 #878D8D looks like.

```
.text, #text, p{  
    color:#878D8D  
}
```

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 #878D8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #878D8D
}
```

Border

The CSS property to change the border of an element to Hex 878D8D 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
#878D8D }
```

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

```
.border{ border-color:#878D8D }
```

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

Here you see how a box with a 4 pixel #878D8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #878D8D; -webkit-box-shadow:4px 4px  
4px 4px #878D8D; box-shadow:4px 4px 4px  
4px #878D8D }
```

Background

The CSS property to change the background color of an element to Hex 878D8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#878D8D }
```

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

```
.background{ background-color:#878D8D }
```

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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