

# Converting Colors

Hex(878094)

Have a look what the booklet for  
Hex(878094) contains.

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# Color

**Hex(878094)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	878094
RGB	135, 128, 148
RGB Percent	53%, 50%, 58%
CMY	0.4706, 0.4980, 0.4196
CMYK	0.09, 0.14, 0.00, 0.42
HSL	261°, 9%, 54%
HSV	261°, 14%, 58%
XYZ	23.0561, 22.7274, 31.1886
YIQ	132.3730, -2.2480, 7.7040

# Conversions

## Conversions Part 2

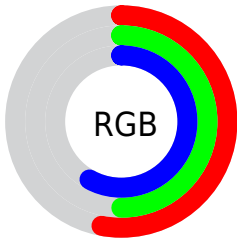
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 128, 148
Decimal	8880276
CIE <sub>Lab</sub>	54.79, 6.70, -9.79
CIE <sub>LCh</sub>	55, 11.860, 304.398
Yxy	22.7274, 0.2995, 0.2953
Android (android.graphics.Color)	4287070356 (0xFF878094)
YUV	132.3730, 7.7041, 2.3039
Hunter-Lab	47.6732, 2.8996, -5.4172

# Details

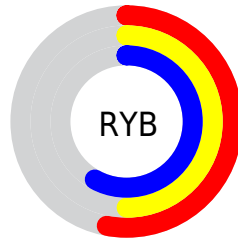
The Hex color **878094** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8D9480**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **BCB5CA**, and **554F61** is the 20% darker color. If you saturate the color by 10%, you get **7D7194**, and if you desaturate by 10%, it is **918F94**.

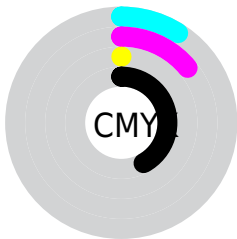
# Distribution



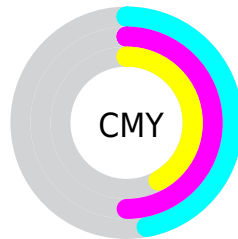
- Red (53%)
- Green (50%)
- Blue (58%)



- Red (53%)
- Yellow (50%)
- Blue (58%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)
- Black (42%)



- Cyan (47%)
- Magenta (50%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 878094 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 878094 by changing the saturation by 10% instead.





878094



878094

FFFFFF



6E677A



BCB5CA



554F61



D8D0E6



3E384A



F5EDFF



282333



140D1E



000002



000000



878094



878094



7D7194



918F94

746294

9A9E94

6A5494

A4AC94

614594

ADBB94

573694

B7CA94

4D2794

C1D994

441894

CAE894

3A0A94

D4F694

340094

DEFF94

# Harmonies

## Analogous

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



7A8397



878094



927D8C

# Triad

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



878094



938071



6B8984

# Complementary

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



878094



8D9480

# 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.



73887A



878094



8A836F

# Square

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



878094



987D78



7E8672



69898E

# Rectangle

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



878094



977C85



7E8672



6D8981



# Sweetspot

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



878094



BAB8BF



808D94



5E5C61



E0E0E0



616161



# Same Dimension

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



878094



ABA1BF



918094



45434A



30008A



04000A



# Inverse Universe

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



94808D



BFA1B5



839480



4A4347



8A005A



0A0007



# Previews

## White Background



This preview shows how the Hex color 878094 looks on a white background.

## Color Contrast Check

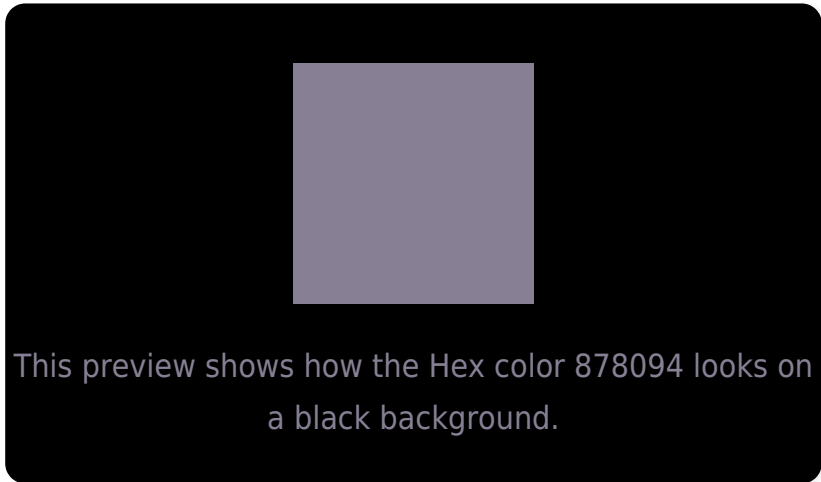
Large Text (above 18pt) WCAG AA ✓ Pass

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

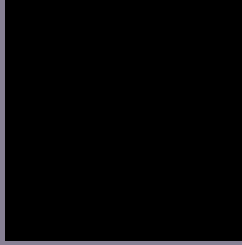
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 878094 Background



This preview shows how black text looks on a background with the Hex color 878094.



This preview shows how white text looks on a background with the Hex color 878094.

# 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**

878094

**Protanopia**

808295

**Deuteranopia**

888094



**Tritanopia**  
86818C

# Trichromacy



**Original Color**

878094

**Protanomaly**

838195

**Deuteranomaly**

888094

**Tritanomaly**

86818F

# Monochromacy



**Original Color**

878094

**Achromatopsia**

848484

**Achromatomaly**

85838A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 878094 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 #878094 looks like.

```
.text, #text, p{  
    color:#878094  
}
```

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 #878094 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #878094
}
```

## Border

The CSS property to change the border of an element to Hex 878094 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
#878094 }
```

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

```
.border{ border-color:#878094 }
```

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

Here you see how a box with a 4 pixel #878094 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #878094; -webkit-box-shadow:4px 4px  
4px 4px #878094; box-shadow:4px 4px 4px  
4px #878094 }
```

# Background

The CSS property to change the background color of an element to Hex 878094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#878094 }
```

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

```
.background{ background-color:#878094 }
```

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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