

# Converting Colors

Hex(8C878D)

Have a look what the booklet for  
Hex(8C878D) contains.

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# Color

**Hex(8C878D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C878D
RGB	140, 135, 141
RGB Percent	55%, 53%, 55%
CMY	0.4510, 0.4706, 0.4471
CMYK	0.01, 0.04, 0.00, 0.45
HSL	290°, 3%, 54%
HSV	290°, 4%, 55%
XYZ	24.2869, 24.8265, 28.7112
YIQ	137.1790, 1.0540, 2.9260

# Conversions

## Conversions Part 2

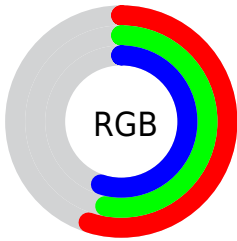
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 135, 141
Decimal	9209741
CIE Lab	56.91, 3.03, -2.55
CIE LCh	57, 3.964, 319.943
Yxy	24.8265, 0.3121, 0.3190
Android (android.graphics.Color)	4287399821 (0xFF8C878D)
YUV	137.1790, 1.8838, 2.4740
Hunter-Lab	49.8262, -0.1891, 0.7138

# Details

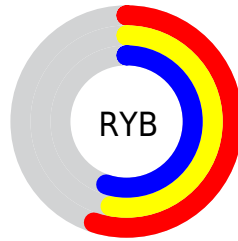
The Hex color **8C878D** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **888D87**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **C2BCC3**, and **5A555B** is the 20% darker color. If you saturate the color by 10%, you get **8A798D**, and if you desaturate by 10%, it is **8E958D**.

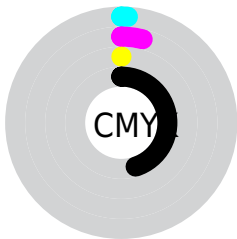
# Distribution



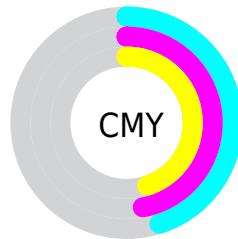
- Red (55%)
- Green (53%)
- Blue (55%)



- Red (55%)
- Yellow (53%)
- Blue (55%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (45%)



- Cyan (45%)
- Magenta (47%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C878D 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 8C878D by changing the saturation by 10% instead.





8C878D



8C878D

FFFFFF



736E73



C2BCC3



5A555B



DDD8DE



433E44



FAF4FB



2C282D



181419



000000



8C878D



8C878D



8A798D



8E958D



876B8D



91A38D

855D8D

93B18D

834F8D

95BF8D

80418D

98CE8D

7E328D

9ADC8D

7C248D

9CEA8D

79168D

9FF88D

77088D

A1FF8D

# Harmonies

## Analogous

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



88888F



8C878D



8F868A

# Triad

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



8C878D



8D8882



808B8B

# Complementary

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



8C878D



888D87

# 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.



828B87



8C878D



898982

# Square

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



8C878D



8F8783



858A84



818A8E

# Rectangle

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



8C878D



908687



858A84



818B8A



# Sweetspot

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



8C878D



B7B6B8



87888D



5C5B5C



DBDBDB



5C5C5C



# Same Dimension

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



8C878D



B6AEB8



8D878B



474347



710087



060008



# Inverse Universe

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



8D8788



B8AEB0



878D89



474344



870017



080001



# Previews

## White Background



This preview shows how the Hex color 8C878D looks on a white background.

## Color Contrast Check

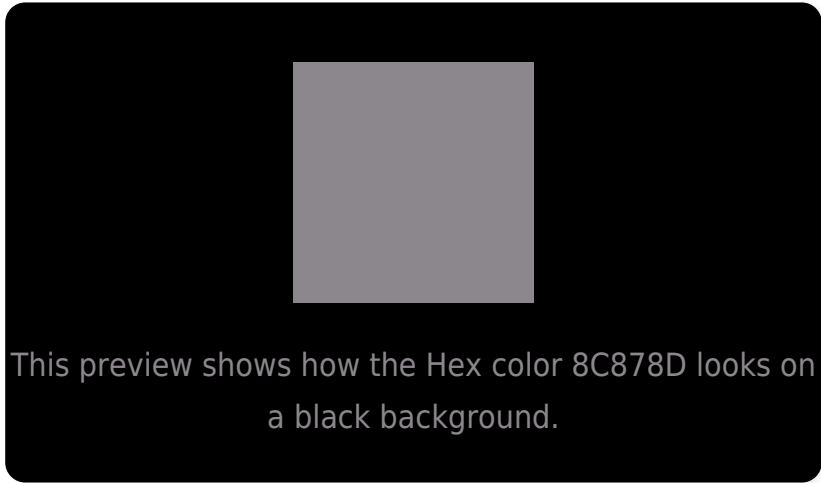
Large Text (above 18pt) WCAG AA ✓ Pass

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

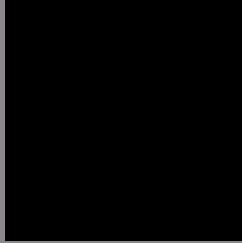
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

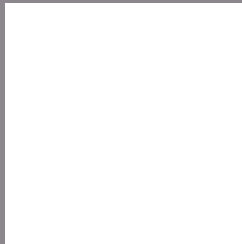
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8C878D Background



This preview shows how black text looks on a background with the Hex color 8C878D.



This preview shows how white text looks on a background with the Hex color 8C878D.

# 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**


8C878D

**Protanopia**

89888D

**Deuteranopia**

93848E



**Tritanopia**  
8D8691

# Trichromacy



**Original Color**

8C878D

**Protanomaly**

8A888D

**Deuteranomaly**

90858E

**Tritanomaly**

8D8690

# Monochromacy



**Original Color**

8C878D

**Achromatopsia**

898989

**Achromatomaly**

8A888A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C878D 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 #8C878D looks like.

```
.text, #text, p{  
    color:#8C878D  
}
```

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 #8C878D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C878D
}
```

## Border

The CSS property to change the border of an element to Hex 8C878D is called "border". The border property can be set on classes, ids or directly on the HTML element.

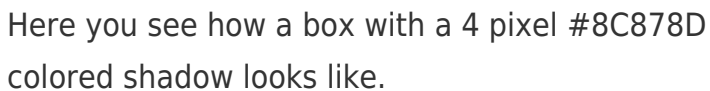
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C878D }
```

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

```
.border{ border-color:#8C878D }
```

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



Here you see how a box with a 4 pixel #8C878D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C878D; -webkit-box-shadow:4px 4px  
4px 4px #8C878D; box-shadow:4px 4px 4px  
4px #8C878D }
```

# Background

The CSS property to change the background color of an element to Hex 8C878D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C878D }
```

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

```
.background{ background-color:#8C878D }
```

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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