

# Converting Colors

Hex(877B88)

Have a look what the booklet for  
Hex(877B88) contains.

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# Color

Hex(877B88)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 877B88                    |
| RGB           | 135, 123, 136             |
| RGB Percent   | 53%, 48%, 53%             |
| CMY           | 0.4706, 0.5176, 0.4667    |
| CMYK          | 0.01, 0.10, 0.00, 0.47    |
| HSL           | 295°, 5%, 51%             |
| HSV           | 295°, 10%, 53%            |
| XYZ           | 21.5186, 21.0944, 26.2300 |
| YIQ           | 128.0700, 2.9790, 6.5870  |

# Conversions

## Conversions Part 2

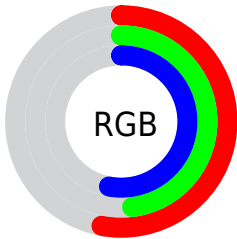
| <b>Format</b>                       | <b>Color</b>                |
|-------------------------------------|-----------------------------|
| <b>R<sub>YB</sub></b>               | 135, 123, 136               |
| Decimal                             | 8878984                     |
| CIE Lab                             | 53.05, 7.10, -5.39          |
| CIE LCh                             | 53, 8.912, 322.798          |
| Yxy                                 | 21.0944, 0.3126,<br>0.3064  |
| Android<br>(android.graphics.Color) | 4287069064<br>(0xFF877B88)  |
| YUV                                 | 128.0700, 3.9095,<br>6.0776 |
| Hunter-Lab                          | 45.9286, 3.2561,<br>-1.7107 |

# Details

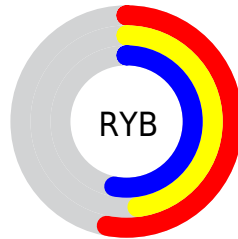
The Hex color **877B88** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7C887B**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **BCAFBD**, and **554A56** is the 20% darker color. If you saturate the color by 10%, you get **866D88**, and if you desaturate by 10%, it is **888988**.

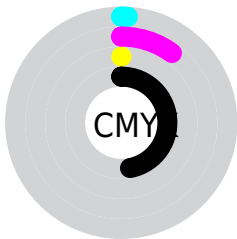
# Distribution



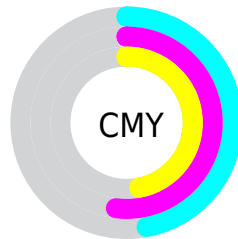
- Red (53%)
- Green (48%)
- Blue (53%)



- Red (53%)
- Yellow (48%)
- Blue (53%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (47%)



- Cyan (47%)
- Magenta (52%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 877B88 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 877B88 by changing the saturation by 10% instead.





877B88



877B88

FFFFFF



6E626F



BCAFBD



554A56



D8CBD9



3E343F



F4E7F6



281F29



140615



000000



877B88



877B88



866D88



888988



856088



899688

845288

8AA488

834588

8BB188

823788

8CBF88

812988

8DCD88

801C88

8EDA88

7F0E88

8FE888

7E0188

90F588

# Harmonies

## Analogous

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



7E7D8D



877B88



8D7A81

# Triad

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



877B88



877D70



6B8384

# Complementary

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



877B88



7C887B

# 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.



6F837C



877B88



7F8071

# Square

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



877B88



8D7B73



768275



6E828B

# Rectangle

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



877B88



8F7A7C



768275



6C8382



# Sweetspot

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



877B88



B0ABB0



7B7C88



595659



D9D9D9



595959



# Same Dimension

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



877B88



AE9DB0



887B83



443E45



7A0085



050005



# Inverse Universe

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



887B7C



B09D9E



7B8880



453E3E



85000A



050000



# Previews

## White Background



This preview shows how the Hex color 877B88 looks on a white background.

## Color Contrast Check

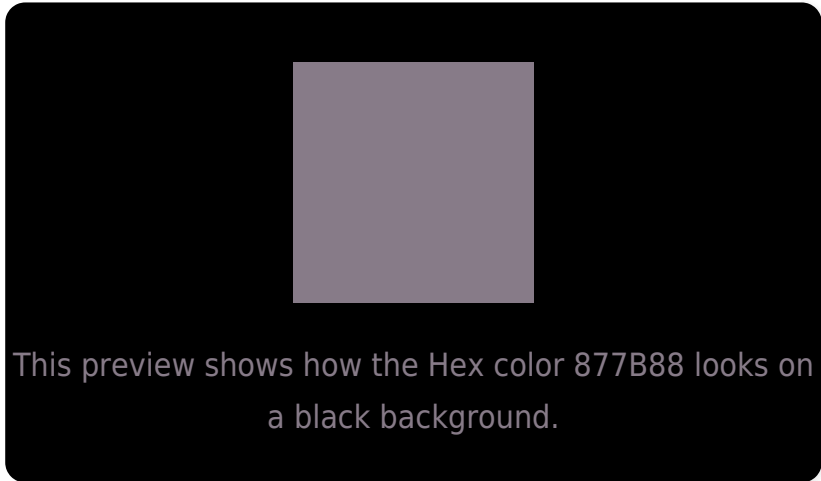
Large Text (above 18pt) WCAG AA ✓ Pass

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

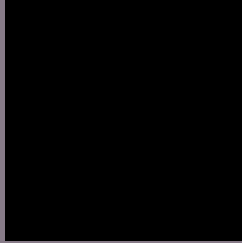
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 877B88 Background



This preview shows how black text looks on a background with the Hex color 877B88.



This preview shows how white text looks on a background with the Hex color 877B88.

# 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**  
877B88

**Protanopia**  
7E7E8A

**Deuteranopia**  
877B88



**Tritanopia**  
877B85

# Trichromacy



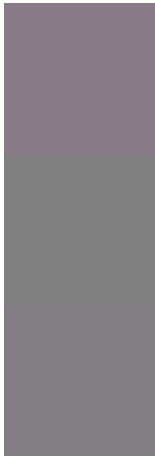
**Original Color**  
877B88

**Protanomaly**  
817D89

**Deuteranomaly**  
877B88

**Tritanomaly**  
877B86

# Monochromacy



**Original Color**  
877B88

**Achromatopsia**  
808080

**Achromatomaly**  
837E83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 877B88 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 #877B88 looks like.

```
.text, #text, p{  
    color:#877B88  
}
```

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 #877B88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #877B88
}
```

## Border

The CSS property to change the border of an element to Hex 877B88 is called "border". The border property can be set on classes, ids or directly on the HTML element.

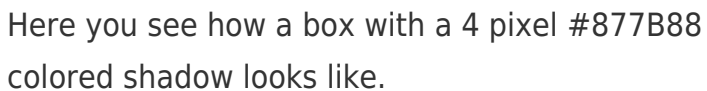
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#877B88 }
```

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

```
.border{ border-color:#877B88 }
```

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



Here you see how a box with a 4 pixel #877B88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #877B88; -webkit-box-shadow:4px 4px  
4px 4px #877B88; box-shadow:4px 4px 4px  
4px #877B88 }
```

# Background

The CSS property to change the background color of an element to Hex 877B88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#877B88 }
```

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

```
.background{ background-color:#877B88 }
```

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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