

# Converting Colors

Hex(817B8D)

Have a look what the booklet for  
Hex(817B8D) contains.

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# Color

**Hex(817B8D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	817B8D
RGB	129, 123, 141
RGB Percent	51%, 48%, 55%
CMY	0.4941, 0.5176, 0.4471
CMYK	0.09, 0.13, 0.00, 0.45
HSL	260°, 7%, 52%
HSV	260°, 13%, 55%
XYZ	20.9439, 20.7561, 28.1018
YIQ	126.8460, -2.2020, 6.8700

# Conversions

## Conversions Part 2

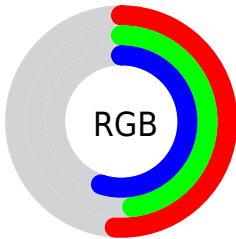
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 123, 141
Decimal	8485773
CIE <sub>Lab</sub>	52.68, 5.96, -8.92
CIE <sub>LCh</sub>	53, 10.729, 303.752
Yxy	20.7561, 0.3000, 0.2974
Android (android.graphics.Color)	4286675853 (0xFF817B8D)
YUV	126.8460, 6.9779, 1.8891
Hunter-Lab	45.5589, 2.3304, -4.6802

# Details

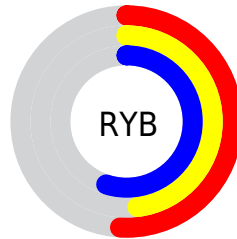
The Hex color **817B8D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **878D7B**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B6AFC3**, and **504A5B** is the 20% darker color. If you saturate the color by 10%, you get **786D8D**, and if you desaturate by 10%, it is **8A898D**.

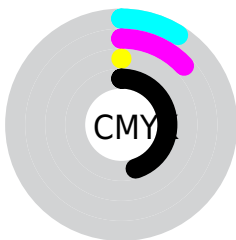
# Distribution



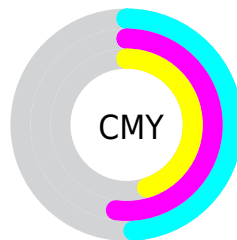
- Red (51%)
- Green (48%)
- Blue (55%)



- Red (51%)
- Yellow (48%)
- Blue (55%)



- Cyan (9%)
- Magenta (13%)
- Yellow (0%)
- Black (45%)



- Cyan (49%)
- Magenta (52%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 817B8D 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 817B8D by changing the saturation by 10% instead.



817B8D

817B8D

FFFFFF

686273

B6AFC3

504A5B

D2CBDF

393443

EEE7FB

231F2D

0E0619

000000

817B8D

817B8D

786D8D

8A898D

6E5F8D

94978D

65518D

9DA58D

5B438D

A7B38D

52348D

B0C28D

49268D

B9D08D

3F188D

C3DE8D

360A8D

CCEC8D

2F008D

D6FA8D

# Harmonies

## Analogous

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



757E90



817B8D



8B7886

# Triad

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



817B8D



8C7A6E



68837F

# Complementary

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



817B8D



878D7B

# 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.



6F8275



817B8D



847D6B

# Square

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



817B8D



917874



7A806E



668388

# Rectangle

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



817B8D



8F7880



7A806E



6A837B



# Sweetspot

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



817B8D



B3B0B8



7B878D



59575C



DBDBDB



5C5C5C



# Same Dimension

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



817B8D



A59CB8



8A7B8D



434047



2D0087



030008



# Inverse Universe

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



8D7B87



B89CAE



7E8D7B



474045



87005A



080005



# Previews

## White Background



This preview shows how the Hex color 817B8D looks on a white background.

## Color Contrast Check

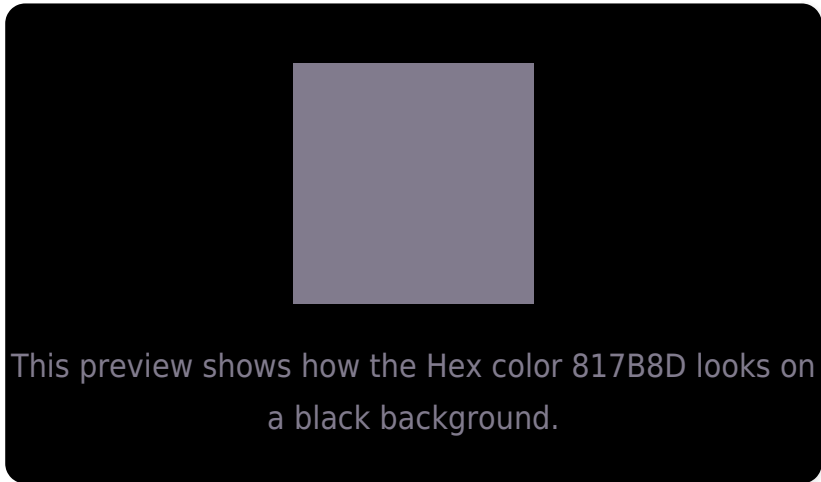
Large Text (above 18pt) WCAG AA ✓ Pass

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

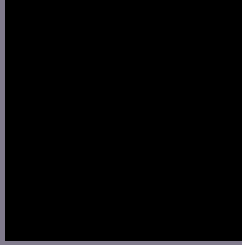
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 817B8D Background



This preview shows how black text looks on a background with the Hex color 817B8D.



This preview shows how white text looks on a background with the Hex color 817B8D.

# 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**  
817B8D

**Protanopia**  
7B7D8E

**Deuteranopia**  
837A8D



**Tritanopia**  
807C86

# Trichromacy



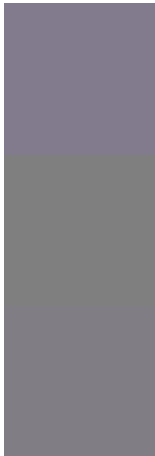
**Original Color**  
817B8D

**Protanomaly**  
7D7C8E

**Deuteranomaly**  
827A8D

**Tritanomaly**  
807C89

# Monochromacy



**Original Color**  
817B8D

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
807E84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 817B8D 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 #817B8D looks like.

```
.text, #text, p{  
    color:#817B8D  
}
```

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 #817B8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #817B8D
}
```

## Border

The CSS property to change the border of an element to Hex 817B8D is called "border". The border property can be set on classes, ids or directly on the HTML element.

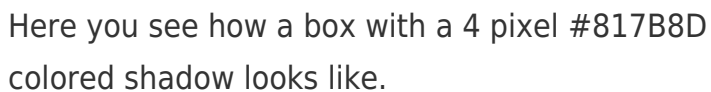
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#817B8D }
```

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

```
.border{ border-color:#817B8D }
```

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



Here you see how a box with a 4 pixel #817B8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #817B8D; -webkit-box-shadow:4px 4px  
4px 4px #817B8D; box-shadow:4px 4px 4px  
4px #817B8D }
```

# Background

The CSS property to change the background color of an element to Hex 817B8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#817B8D }
```

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

```
.background{ background-color:#817B8D }
```

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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