

# Converting Colors

Hex(817A8F)

Have a look what the booklet for  
Hex(817A8F) contains.

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# Color

Hex(817A8F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	817A8F
RGB	129, 122, 143
RGB Percent	51%, 48%, 56%
CMY	0.4941, 0.5216, 0.4392
CMYK	0.10, 0.15, 0.00, 0.44
HSL	260°, 9%, 52%
HSV	260°, 15%, 56%
XYZ	20.9707, 20.5694, 28.8516
YIQ	126.4870, -2.5690, 8.0150

# Conversions

## Conversions Part 2

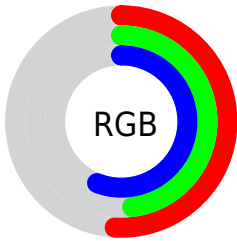
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 122, 143
Decimal	8485519
CIE Lab	52.47, 6.98, -10.40
CIE LCh	52, 12.525, 303.870
Yxy	20.5694, 0.2979, 0.2922
Android (android.graphics.Color)	4286675599 (0xFF817A8F)
YUV	126.4870, 8.1409, 2.2039
Hunter-Lab	45.3535, 3.1670, -5.9699

# Details

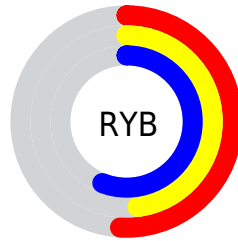
The Hex color **817A8F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **888F7A**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B6AEC5**, and **50495D** is the 20% darker color. If you saturate the color by 10%, you get **776C8F**, and if you desaturate by 10%, it is **8B888F**.

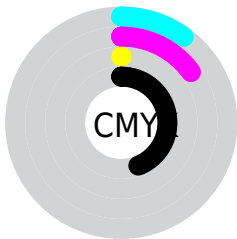
# Distribution



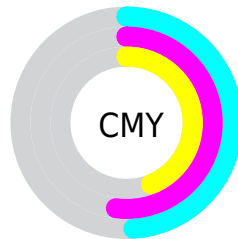
- Red (51%)
- Green (48%)
- Blue (56%)



- Red (51%)
- Yellow (48%)
- Blue (56%)



- Cyan (10%)
- Magenta (15%)
- Yellow (0%)
- Black (44%)



- Cyan (49%)
- Magenta (52%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 817A8F 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 817A8F by changing the saturation by 10% instead.





817A8F



817A8F

FFFFFF



686175



B6AEC5



50495D



D2CAE1



393345



EEE6FD



231E2F



0F051A



000000



817A8F



817A8F



776C8F



8B888F



6E5D8F



94978F

644F8F

9EA58F

5B418F

A7B38F

51338F

B1C28F

48248F

BAD08F

3E168F

C4DE8F

35088F

CDEC8F

30008F

D7FB8F

# Harmonies

## Analogous

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



737E92



817A8F



8D7787

# Triad

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



817A8F



8E796A



64847E

# Complementary

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



817A8F



888F7A

# 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.



6C8373



817A8F



847D68

# Square

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



817A8F



937772



78806B



618389

# Rectangle

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



817A8F



927680



78806B



66837B



# Sweetspot

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



817A8F



B5B3BA



7A888F



5B5A5E



DEDEDE



5E5E5E



# Same Dimension

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



817A8F



A499BA



8C7A8F



434047



2D0087



030008



# Inverse Universe

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



8F7A88



BA99AF



7E8F7A



474045



87005A



080005



# Previews

## White Background



This preview shows how the Hex color 817A8F looks on a white background.

## Color Contrast Check

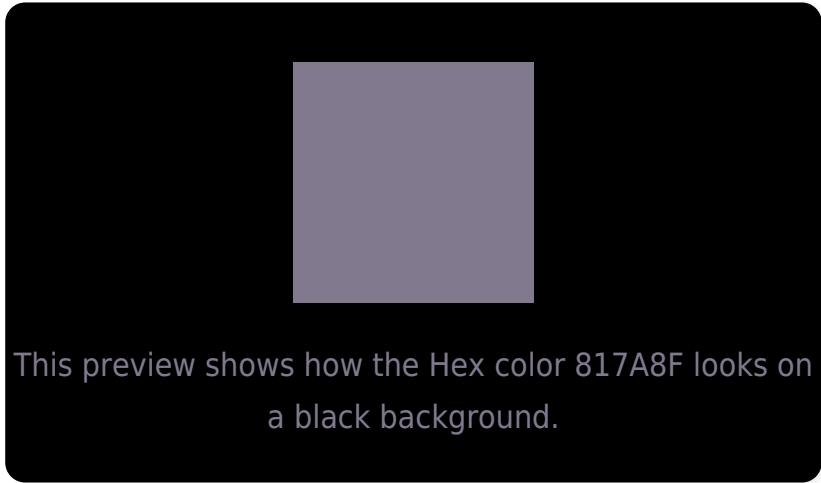
Large Text (above 18pt) WCAG AA ✓ Pass

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

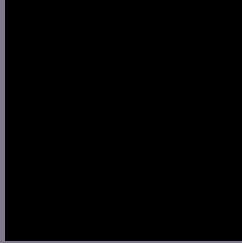
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 817A8F Background



This preview shows how black text looks on a background with the Hex color 817A8F.



This preview shows how white text looks on a background with the Hex color 817A8F.

# 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**  
817A8F

**Protanopia**  
7A7C90

**Deuteranopia**  
817A8F



**Tritanopia**  
7F7C85

# Trichromacy



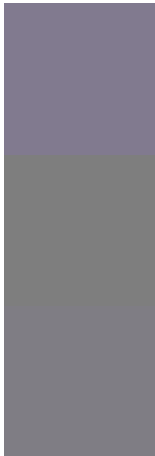
**Original Color**  
817A8F

**Protanomaly**  
7D7B90

**Deuteranomaly**  
817A8F

**Tritanomaly**  
807B89

# Monochromacy



**Original Color**  
817A8F

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
7F7D84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 817A8F 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 #817A8F looks like.

```
.text, #text, p{  
    color:#817A8F  
}
```

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 #817A8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #817A8F
}
```

## Border

The CSS property to change the border of an element to Hex 817A8F is called "border". The border property can be set on classes, ids or directly on the HTML element.

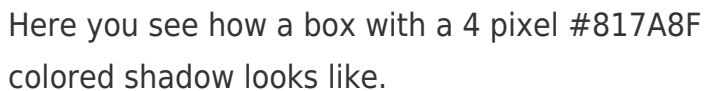
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#817A8F }
```

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

```
.border{ border-color:#817A8F }
```

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



Here you see how a box with a 4 pixel #817A8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #817A8F; -webkit-box-shadow:4px 4px  
4px 4px #817A8F; box-shadow:4px 4px 4px  
4px #817A8F }
```

# Background

The CSS property to change the background color of an element to Hex 817A8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#817A8F }
```

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

```
.background{ background-color:#817A8F }
```

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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