

# Converting Colors

Hex(817F90)

Have a look what the booklet for  
Hex(817F90) contains.

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# Color

**Hex(817F90)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	817F90
RGB	129, 127, 144
RGB Percent	51%, 50%, 56%
CMY	0.4941, 0.5020, 0.4353
CMYK	0.10, 0.12, 0.00, 0.44
HSL	247°, 7%, 53%
HSV	247°, 12%, 56%
XYZ	21.6767, 21.8595, 29.4624
YIQ	129.5360, -4.2650, 5.7110

# Conversions

## Conversions Part 2

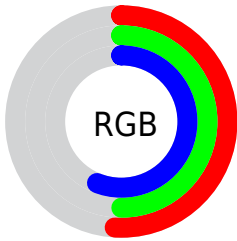
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 127, 144
Decimal	8486800
CIE Lab	53.88, 4.29, -8.88
CIE LCh	54, 9.862, 295.768
Yxy	21.8595, 0.2969, 0.2995
Android (android.graphics.Color)	4286676880 (0xFF817F90)
YUV	129.5360, 7.1308, -0.4701
Hunter-Lab	46.7541, 0.9384, -4.6340

# Details

The Hex color **817F90** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8E907F**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B6B4C6**, and **504E5E** is the 20% darker color. If you saturate the color by 10%, you get **747190**, and if you desaturate by 10%, it is **8E8D90**.

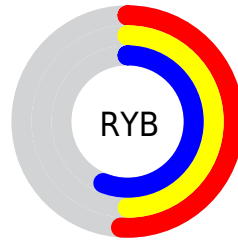
# Distribution



Red (51%)

Green (50%)

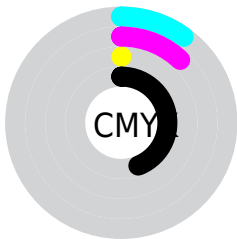
Blue (56%)



Red (51%)

Yellow (50%)

Blue (56%)

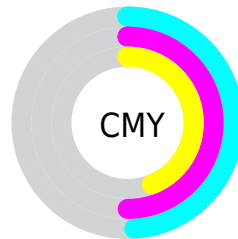


Cyan (10%)

Magenta (12%)

Yellow (0%)

Black (44%)



Cyan (49%)

Magenta (50%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 817F90 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 817F90 by changing the saturation by 10% instead.





817F90



817F90

FFFFFF



686676



B6B4C6



504E5E



D2CFE2



393746



EEEBFE



232230



0E0C1B



000000



817F90



817F90



747190



8E8D90



686290



9A9C90

■ 5B5490

■ A7AA90

■ 4E4590

■ B4B990

■ 413790

■ C1C790

■ 352990

■ CDD590

■ 281A90

■ DAE490

■ 1B0C90

■ E7F290

■ 110090

■ F3FF90

# Harmonies

## Analogous

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



768291



817F90



8B7C8A

# Triad

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



817F90



907D73



6E867F

# Complementary

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



817F90



8E907F

# 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.



768577



817F90



898070

# Square

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



817F90



937B7A



808271



6B8688

# Rectangle

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



817F90



907B85



808271



70867C



# Sweetspot

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



817F90



B4B3BA



7F8E90



5A5A5E



DEDEDE



5E5E5E



# Same Dimension

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



817F90



A3A0BA



897F90



414047



100087



010008



# Inverse Universe

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



907F8E



BAA0B7



86907F



474047



870077



080007



# Previews

## White Background



This preview shows how the Hex color 817F90 looks on a white background.

## Color Contrast Check

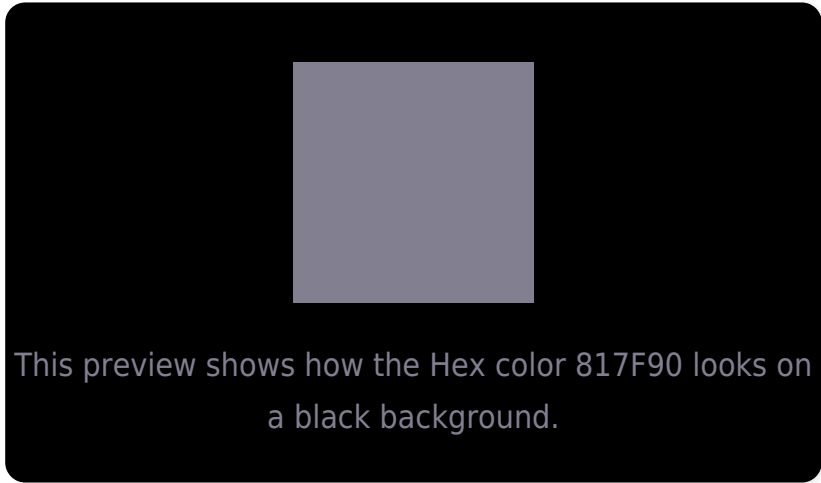
Large Text (above 18pt) WCAG AA ✓ Pass

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

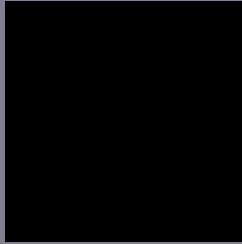
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 817F90 Background



This preview shows how black text looks on a background with the Hex color 817F90.



This preview shows how white text looks on a background with the Hex color 817F90.

# 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**  
817F90

**Protanopia**  
7E8090

**Deuteranopia**  
867D90



**Tritanopia**  
80808A

# Trichromacy



**Original Color**  
817F90

**Protanomaly**  
7F8090

**Deuteranomaly**  
847E90

**Tritanomaly**  
80808C

# Monochromacy



**Original Color**  
817F90

**Achromatopsia**  
828282

**Achromatomaly**  
828187

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 817F90 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 #817F90 looks like.

```
.text, #text, p{  
    color:#817F90  
}
```

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 #817F90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #817F90
}
```

## Border

The CSS property to change the border of an element to Hex 817F90 is called "border". The border property can be set on classes, ids or directly on the HTML element.

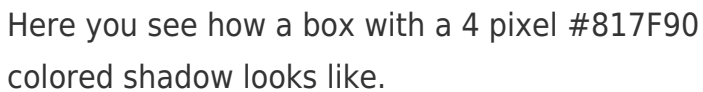
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#817F90 }
```

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

```
.border{ border-color:#817F90 }
```

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



Here you see how a box with a 4 pixel #817F90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #817F90; -webkit-box-shadow:4px 4px  
4px 4px #817F90; box-shadow:4px 4px 4px  
4px #817F90 }
```

# Background

The CSS property to change the background color of an element to Hex 817F90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#817F90 }
```

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

```
.background{ background-color:#817F90 }
```

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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