

# Converting Colors

Hex(826F7F)

Have a look what the booklet for  
Hex(826F7F) contains.

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# Color

**Hex(826F7F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	826F7F
RGB	130, 111, 127
RGB Percent	51%, 44%, 50%
CMY	0.4902, 0.5647, 0.5020
CMYK	0.00, 0.15, 0.02, 0.49
HSL	309°, 8%, 47%
HSV	309°, 15%, 51%
XYZ	18.7211, 17.6470, 22.4982
YIQ	118.5050, 6.1880, 9.0040

# Conversions

## Conversions Part 2

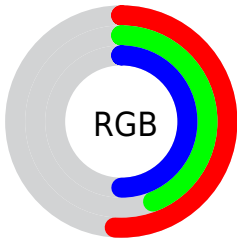
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 111, 127
Decimal	8548223
CIE <sub>Lab</sub>	49.07, 10.46, -6.06
CIE <sub>LCh</sub>	49, 12.090, 329.932
Yxy	17.6470, 0.3180, 0.2998
Android (android.graphics.Color)	4286738303 (0xFF826F7F)
YUV	118.5050, 4.1880, 10.0811
Hunter-Lab	42.0083, 6.0344, -2.3478

# Details

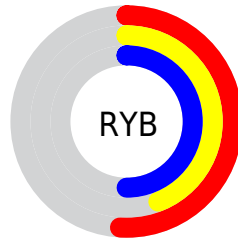
The Hex color **826F7F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F8272**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **B7A3B4**, and **513F4E** is the 20% darker color. If you saturate the color by 10%, you get **82627D**, and if you desaturate by 10%, it is **827C81**.

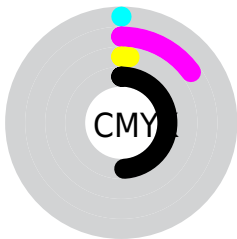
# Distribution



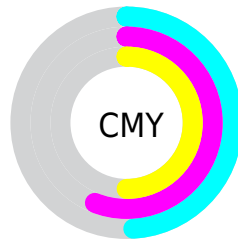
- Red (51%)
- Green (44%)
- Blue (50%)



- Red (51%)
- Yellow (44%)
- Blue (50%)



- Cyan (0%)
- Magenta (15%)
- Yellow (2%)
- Black (49%)



- Cyan (49%)
- Magenta (56%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 826F7F 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 826F7F by changing the saturation by 10% instead.





826F7F



826F7F

FFFFFF



695766



B7A3B4



513F4E



D3BECF



392937



EFDAEB



241522



FFF6FF



0C000B



000000



826F7F



826F7F



82627D



827C81



82557B



828983

■ 824879

■ 829685

■ 823B77

■ 82A387

■ 822E75

■ 82B089

■ 822173

■ 82BD8B

■ 821471

■ 82CA8D

■ 82076F

■ 82D78F

■ 82006D

■ 82E491

# Harmonies

## Analogous

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



777286



826F7F



896E75

# Triad

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



826F7F



7D7460



5A7A7E

# Complementary

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



826F7F



6F8272

# 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.



5D7B74



826F7F



717763

# Square

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



826F7F



867163



66796A



5E7886

# Rectangle

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



826F7F



8A6E6E



66796A



5A7B7B



# Sweetspot

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



826F7F



A8A2A7



726F82



545053



D4D4D4



545454



# Same Dimension

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



826F7F



A88AA4



826F76



40393F



80006B



000000



# Inverse Universe

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



826F7F



A88AA4



6F827B



40393F



80006B



000000



# Previews

## White Background



This preview shows how the Hex color 826F7F looks on a white background.

## Color Contrast Check

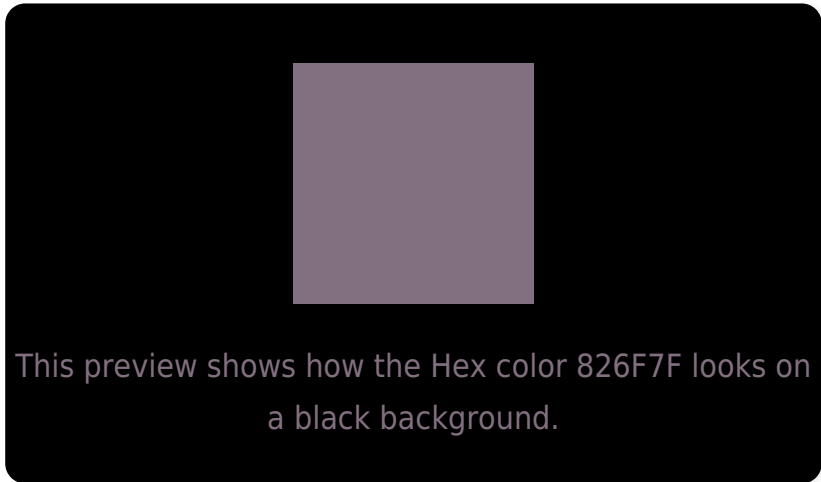
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

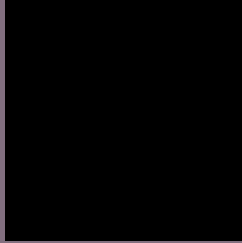
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 826F7F Background



This preview shows how black text looks on a background with the Hex color 826F7F.



This preview shows how white text looks on a background with the Hex color 826F7F.

# 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**  
826F7F

**Protanopia**  
737482

**Deuteranopia**  
7C717F



**Tritanopia**  
817079

# Trichromacy



**Original Color**  
826F7F

**Protanomaly**  
787281

**Deuteranomaly**  
7E707F

**Tritanomaly**  
81707B

# Monochromacy



**Original Color**  
826F7F

**Achromatopsia**  
777777

**Achromatomaly**  
7B747A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 826F7F 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 #826F7F looks like.

```
.text, #text, p{  
    color:#826F7F  
}
```

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 #826F7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #826F7F
}
```

## Border

The CSS property to change the border of an element to Hex 826F7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

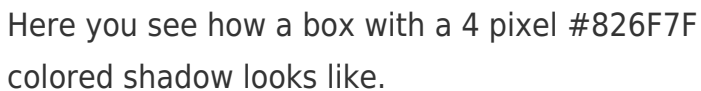
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#826F7F }
```

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

```
.border{ border-color:#826F7F }
```

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



Here you see how a box with a 4 pixel #826F7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #826F7F; -webkit-box-shadow:4px 4px  
4px 4px #826F7F; box-shadow:4px 4px 4px  
4px #826F7F }
```

# Background

The CSS property to change the background color of an element to Hex 826F7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#826F7F }
```

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

```
.background{ background-color:#826F7F }
```

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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