

# Converting Colors

Hex(802F7C)

Have a look what the booklet for  
Hex(802F7C) contains.

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**Color**

**Hex(802F7C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	802F7C
RGB	128, 47, 124
RGB Percent	50%, 18%, 49%
CMY	0.4980, 0.8157, 0.5137
CMYK	0.00, 0.63, 0.03, 0.50
HSL	303°, 46%, 34%
HSV	303°, 63%, 50%
XYZ	13.5567, 8.0775, 19.9134
YIQ	79.9970, 23.5590, 41.1190

# Conversions

## Conversions Part 2

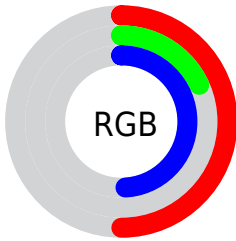
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 47, 124
Decimal	8400764
CIE <sub>Lab</sub>	34.14, 45.10, -27.07
CIE <sub>LCh</sub>	34, 52.605, 329.029
Yxy	8.0775, 0.3263, 0.1944
Android (android.graphics.Color)	4286590844 (0xFF802F7C)
YUV	79.9970, 21.6935, 42.0986
Hunter-Lab	28.4209, 35.4076, -21.6475

# Details

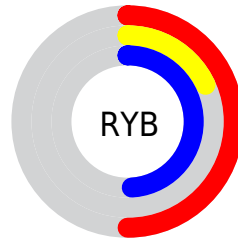
The Hex color **802F7C** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2F8033**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **B763B1**, and **4C004B** is the 20% darker color. If you saturate the color by 10%, you get **80227B**, and if you desaturate by 10%, it is **803C7D**.

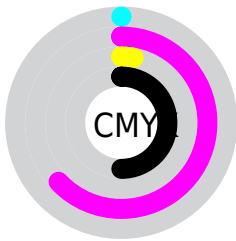
# Distribution



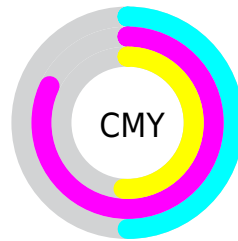
- Red (50%)
- Green (18%)
- Blue (49%)



- Red (50%)
- Yellow (18%)
- Blue (49%)



- Cyan (0%)
- Magenta (63%)
- Yellow (3%)
- Black (50%)



- Cyan (50%)
- Magenta (82%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 802F7C 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 802F7C by changing the saturation by 10% instead.



 802F7C

 802F7C

FFFFFF

 651363

 B763B1

 4C004B

 D37DCC

 330034

 F198E9

 19001E

 FFB3FF

 000000

 FFD0FF

 FFECFF

 802F7C

 802F7C

 80227B

 803C7D

■ 80157B

■ 80497D

■ 80097A

■ 80557E

■ 80007A

■ 80627F

■ 806F7F

■ 807C80

■ 808980

■ 809581

■ 80A282

# Harmonies

## Analogous

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



49469A



802F7C



971D54

# Triad

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



802F7C



634E00



006278

# Complementary

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



802F7C



2F8033

# 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.



00624E



802F7C



3A5900

# Square

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



802F7C



833D00



006022



005F98

# Rectangle

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



802F7C



992138



006022



00636A



# Sweetspot

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



802F7C



A686A4



322F80



544153



D4D4D4



545454



# Same Dimension

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



802F7C



A628A0



802F55



40393F



800079



000000



# Inverse Universe

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



802F7C



A628A0



2F805A



40393F



800079



000000



# Previews

## White Background



This preview shows how the Hex color 802F7C looks on a white background.

## Color Contrast Check

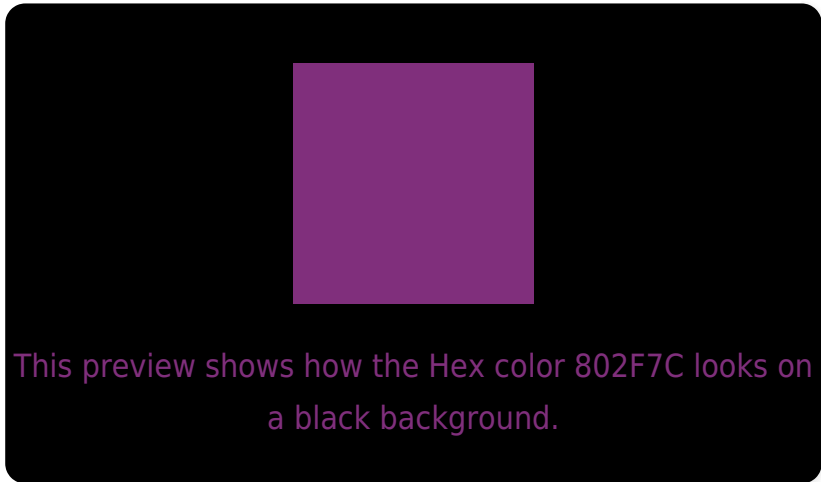
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

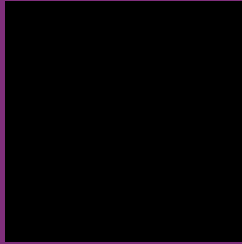
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 802F7C Background



This preview shows how black text looks on a background with the Hex color 802F7C.

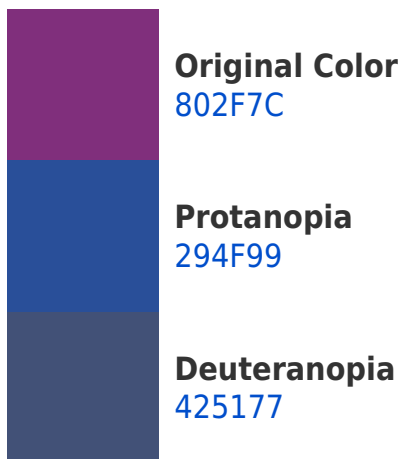



This preview shows how white text looks on a background with the Hex color 802F7C.

# 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](#).

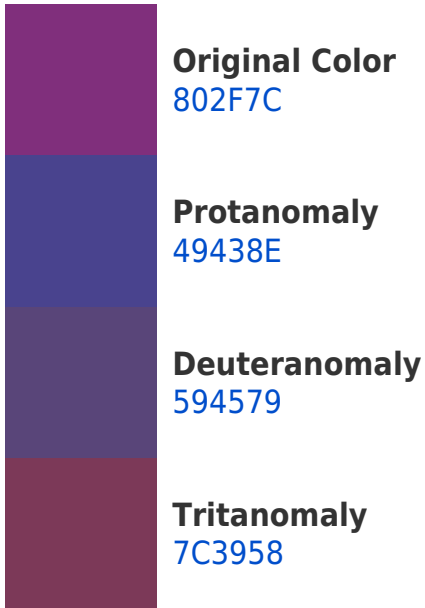
## Dichromacy



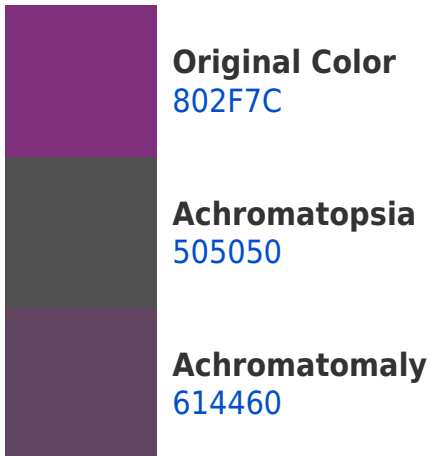


**Tritanopia**  
7A3F44

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 802F7C 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 #802F7C looks like.

```
.text, #text, p{  
    color:#802F7C  
}
```

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 #802F7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #802F7C
}
```

## Border

The CSS property to change the border of an element to Hex 802F7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

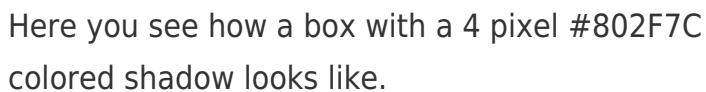
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#802F7C }
```

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

```
.border{ border-color:#802F7C }
```

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



Here you see how a box with a 4 pixel #802F7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #802F7C; -webkit-box-shadow:4px 4px  
4px 4px #802F7C; box-shadow:4px 4px 4px  
4px #802F7C }
```

# Background

The CSS property to change the background color of an element to Hex 802F7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#802F7C }
```

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

```
.background{ background-color:#802F7C }
```

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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