

# Converting Colors

Hex(804C82)

Have a look what the booklet for  
Hex(804C82) contains.

|  |    |
|--|----|
| <b>Hex(804C82)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

**Color**

**Hex(804C82)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 804C82                    |
| RGB           | 128, 76, 130              |
| RGB Percent   | 50%, 30%, 51%             |
| CMY           | 0.4980, 0.7020, 0.4902    |
| CMYK          | 0.02, 0.42, 0.00, 0.49    |
| HSL           | 298°, 26%, 40%            |
| HSV           | 298°, 42%, 51%            |
| XYZ           | 15.5158, 11.3698, 22.4959 |
| YIQ           | 97.7040, 13.6580, 27.8180 |

# Conversions

## Conversions Part 2

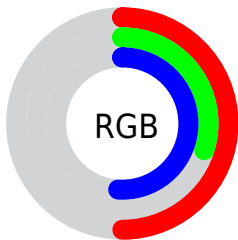
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 128, 76, 130                  |
| Decimal                             | 8408194                       |
| CIE <sub>Lab</sub>                  | 40.20, 31.04, -21.34          |
| CIE <sub>LCh</sub>                  | 40, 37.668, 325.484           |
| Yxy                                 | 11.3698, 0.3142,<br>0.2302    |
| Android<br>(android.graphics.Color) | 4286598274<br>(0xFF804C82)    |
| YUV                                 | 97.7040, 15.9219,<br>26.5696  |
| Hunter-Lab                          | 33.7191, 23.1280,<br>-15.9523 |

# Details

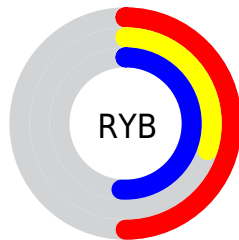
The Hex color **804C82** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4E824C**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **B67EB7**, and **4D1D50** is the 20% darker color. If you saturate the color by 10%, you get **803F82**, and if you desaturate by 10%, it is **805982**.

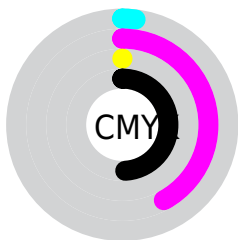
# Distribution



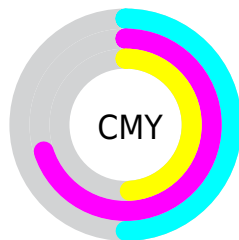
- Red (50%)
- Green (30%)
- Blue (51%)



- Red (50%)
- Yellow (30%)
- Blue (51%)



- Cyan (2%)
- Magenta (42%)
- Yellow (0%)
- Black (49%)



- Cyan (50%)
- Magenta (70%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 804C82 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 804C82 by changing the saturation by 10% instead.



804C82

804C82

FFFFFF

663469

B67EB7

4D1D50

D299D3

350439

EFB4EF

230024

FFCFFF

00000B

FFECFF

000000

804C82

804C82


803F82

805982

7F3282

816682

 7F2582

 817382

 7E1882

 828082

 7E0B82

 828D82

 7D0082

 839A82

 83A782

 84B482

 84C182

# Harmonies

## Analogous

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



585996



804C82



944465

# Triad

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



804C82



745C1E



006E78

# Complementary

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



804C82



4E824C

# 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.



006E59



804C82



566524

# Square

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



804C82



8B502C



2F6B3A



006B91

# Rectangle

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



804C82



984450



2F6B3A



006E6E



# Sweetspot

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



804C82



A894A8



4C4F82



544854



D4D4D4



545454



# Same Dimension

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



804C82



A554A8



824C6A



403940



7B0080



000000



# Inverse Universe

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



824C4E



A85457



4C8264



40393A



800005

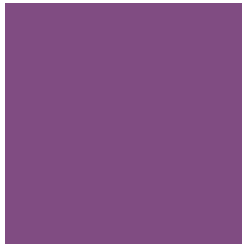


000000



# Previews

## White Background



This preview shows how the Hex color 804C82 looks on a white background.

## Color Contrast Check

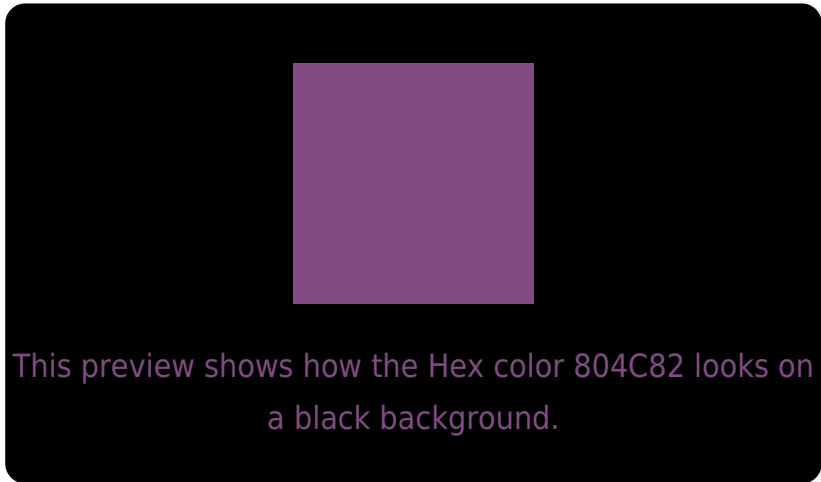
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

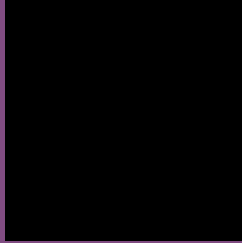
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 804C82 Background



This preview shows how black text looks on a background with the Hex color 804C82.

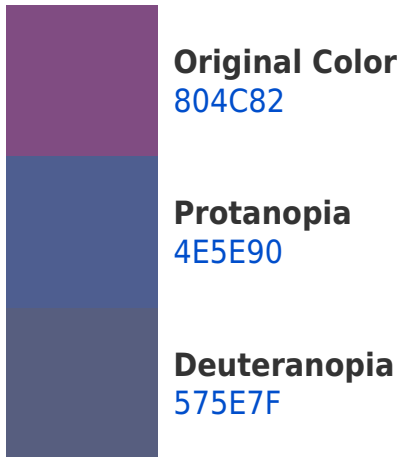


This preview shows how white text looks on a background with the Hex color 804C82.

# 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**  
7B555B

# Trichromacy



**Original Color**  
804C82

**Protanomaly**  
60578B

**Deuteranomaly**  
665780

**Tritanomaly**  
7D5269

# Monochromacy



**Original Color**  
804C82

**Achromatopsia**  
626262

**Achromatomaly**  
6D5A6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 804C82 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 #804C82 looks like.

```
.text, #text, p{  
    color:#804C82  
}
```

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 #804C82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #804C82
}
```

## Border

The CSS property to change the border of an element to Hex 804C82 is called "border". The border property can be set on classes, ids or directly on the HTML element.

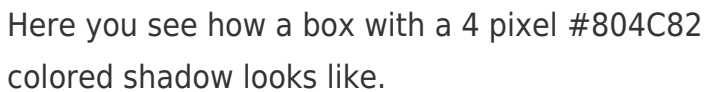
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#804C82 }
```

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

```
.border{ border-color:#804C82 }
```

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



Here you see how a box with a 4 pixel #804C82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #804C82; -webkit-box-shadow:4px 4px  
4px 4px #804C82; box-shadow:4px 4px 4px  
4px #804C82 }
```

# Background

The CSS property to change the background color of an element to Hex 804C82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#804C82 }
```

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

```
.background{ background-color:#804C82 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor