

# Converting Colors

Hex(805B7E)

Have a look what the booklet for  
Hex(805B7E) contains.

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# Color

**Hex(805B7E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	805B7E
RGB	128, 91, 126
RGB Percent	50%, 36%, 49%
CMY	0.4980, 0.6431, 0.5059
CMYK	0.00, 0.29, 0.02, 0.50
HSL	303°, 17%, 43%
HSV	303°, 29%, 50%
XYZ	16.4091, 13.5777, 21.4946
YIQ	106.0530, 10.8170, 18.7290

# Conversions

## Conversions Part 2

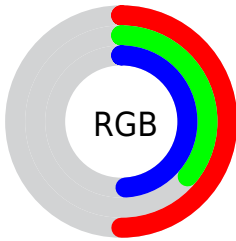
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 91, 126
Decimal	8412030
CIE <sub>Lab</sub>	43.62, 21.42, -13.66
CIE <sub>LCh</sub>	44, 25.406, 327.479
Yxy	13.5777, 0.3187, 0.2637
Android (android.graphics.Color)	4286602110 (0xFF805B7E)
YUV	106.0530, 9.8339, 19.2475
Hunter-Lab	36.8480, 15.0054, -8.7921

# Details

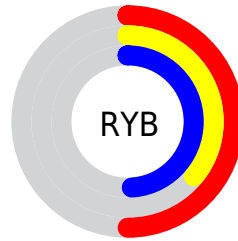
The Hex color **805B7E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5B805D**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **B58EB3**, and **4E2C4D** is the 20% darker color. If you saturate the color by 10%, you get **804E7D**, and if you desaturate by 10%, it is **80687F**.

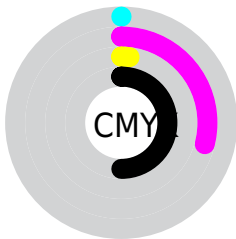
# Distribution



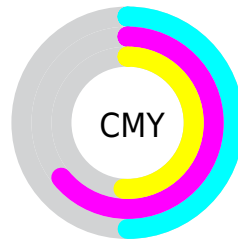
- Red (50%)
- Green (36%)
- Blue (49%)



- Red (50%)
- Yellow (36%)
- Blue (49%)



- Cyan (0%)
- Magenta (29%)
- Yellow (2%)
- Black (50%)



- Cyan (50%)
- Magenta (64%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 805B7E 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 805B7E by changing the saturation by 10% instead.





805B7E



805B7E

FFFFFF



674365



B58EB3



4E2C4D



D1A8CE



371736



EEC4EA



220021



FFE0FF



000006



FFFCFF



000000



805B7E



805B7E



804E7D



80687F



80417D



80757F

80357C

808180

80287B

808E81

801B7B

809B81

800E7A

80A882

800179

80B583

800079

80C184

80CE84

# Harmonies

## Analogous

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



67628C



805B7E



8E576A

# Triad

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



805B7E



77653D



14727A

# Complementary

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



805B7E



5B805D

# 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.



2D7265



805B7E



616C41

# Square

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



805B7E



875E44



487050



226F8A

# Rectangle

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



805B7E



90575B



487050



1A7273



# Sweetspot

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



805B7E



A697A5



5D5B80



544B54



D4D4D4



545454



# Same Dimension

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



805B7E



A66CA3



805B6C



40393F



800079



000000



# Inverse Universe

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



805B7E



A66CA3



5B806F



40393F



800079

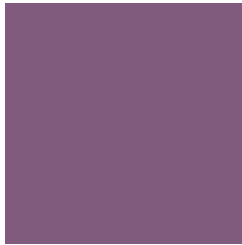


000000



# Previews

## White Background



This preview shows how the Hex color 805B7E looks on a white background.

## Color Contrast Check

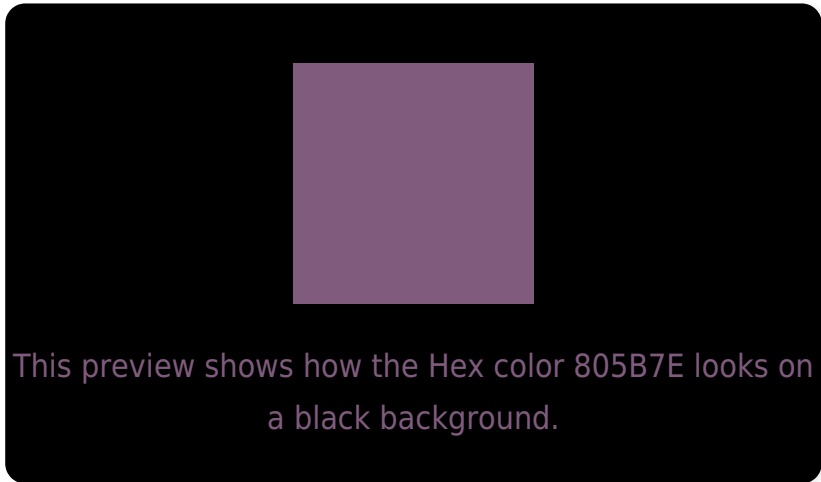
Large Text (above 18pt) WCAG AA ✓ Pass

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

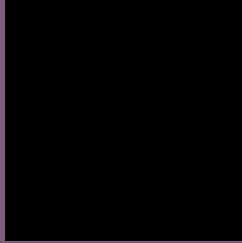
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 805B7E Background



This preview shows how black text looks on a background with the Hex color 805B7E.



This preview shows how white text looks on a background with the Hex color 805B7E.

# 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**  
7D5F67

# Trichromacy



**Original Color**  
805B7E

**Protanomaly**  
6B6283

**Deuteranomaly**  
70617D

**Tritanomaly**  
7E5E6F

# Monochromacy



**Original Color**  
805B7E

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
726571

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 805B7E 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 #805B7E looks like.

```
.text, #text, p{  
    color:#805B7E  
}
```

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 #805B7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #805B7E
}
```

## Border

The CSS property to change the border of an element to Hex 805B7E is called "border". The border property can be set on classes, ids or directly on the HTML element.

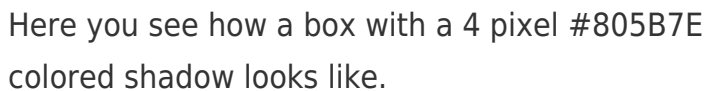
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#805B7E }
```

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

```
.border{ border-color:#805B7E }
```

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



Here you see how a box with a 4 pixel #805B7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #805B7E; -webkit-box-shadow:4px 4px  
4px 4px #805B7E; box-shadow:4px 4px 4px  
4px #805B7E }
```

# Background

The CSS property to change the background color of an element to Hex 805B7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#805B7E }
```

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

```
.background{ background-color:#805B7E }
```

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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