

# Converting Colors

Hex(803B7D)

Have a look what the booklet for  
Hex(803B7D) contains.

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# Color

**Hex(803B7D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	803B7D
RGB	128, 59, 125
RGB Percent	50%, 23%, 49%
CMY	0.4980, 0.7686, 0.5098
CMYK	0.00, 0.54, 0.02, 0.50
HSL	303°, 37%, 37%
HSV	303°, 54%, 50%
XYZ	14.1677, 9.1978, 20.4307
YIQ	87.1550, 19.9380, 35.1540

# Conversions

## Conversions Part 2

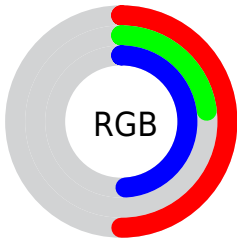
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 59, 125
Decimal	8403837
CIE <sub>Lab</sub>	36.36, 39.41, -24.22
CIE <sub>LCh</sub>	36, 46.256, 328.426
Yxy	9.1978, 0.3235, 0.2100
Android (android.graphics.Color)	4286593917 (0xFF803B7D)
YUV	87.1550, 18.6576, 35.8211
Hunter-Lab	30.3279, 30.3129, -18.7118

# Details

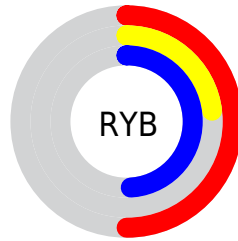
The Hex color **803B7D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3B803E**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **B76EB2**, and **4C054C** is the 20% darker color. If you saturate the color by 10%, you get **802E7C**, and if you desaturate by 10%, it is **80487E**.

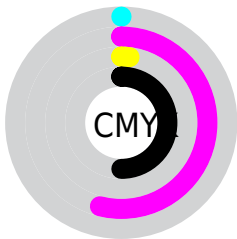
# Distribution



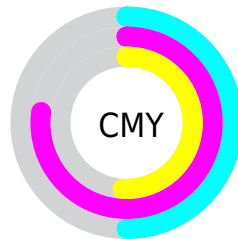
- Red (50%)
- Green (23%)
- Blue (49%)



- Red (50%)
- Yellow (23%)
- Blue (49%)



- Cyan (0%)
- Magenta (54%)
- Yellow (2%)
- Black (50%)



- Cyan (50%)
- Magenta (77%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 803B7D 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 803B7D by changing the saturation by 10% instead.



 803B7D

 803B7D

FFFFFF

 662264

 B76EB2

 4C054C

 D388CD

 340035

 F0A3EA

 1D001F

 FFBEFF

 000002

 FFDBFF

 000000

 FFF7FF

 803B7D

 803B7D

 802E7C

 80487E

80217C

80557E

80157B

80617F

80087B

806E7F

80007A

807B80

808880

809581

80A181

80AE82

# Harmonies

## Analogous

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



504C97



803B7D



952F59

# Triad

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



803B7D



695300



006678

# Complementary

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



803B7D



3B803E

# 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.



006652



803B7D



445E08

# Square

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



803B7D



854414



00642C



006395

# Rectangle

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



803B7D



983140



00642C



00676C



# Sweetspot

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



803B7D



A68BA5



3D3B80



544453



D4D4D4



545454



# Same Dimension

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



803B7D



A63AA1



803B5B



40393F



80007A



000000



# Inverse Universe

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



803B7D



A63AA1



3B8060



40393F



80007A



000000



# Previews

## White Background



This preview shows how the Hex color 803B7D looks on a white background.

## Color Contrast Check

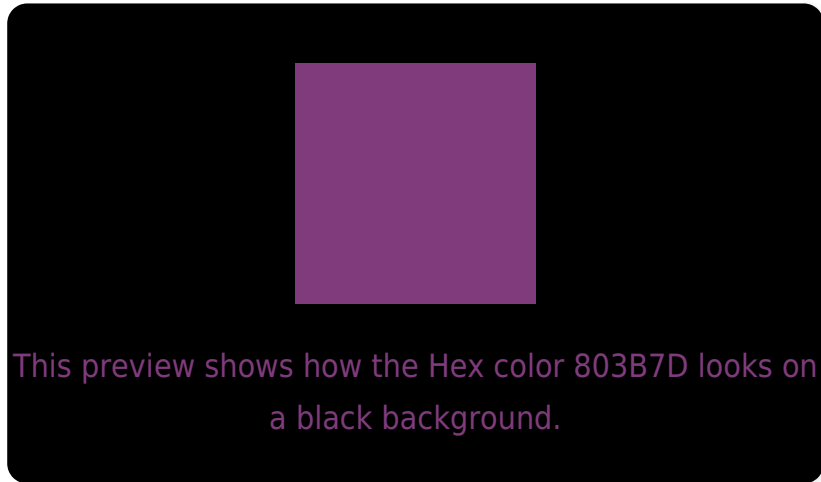
Large Text (above 18pt) WCAG AA ✓ Pass

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 803B7D Background



This preview shows how black text looks on a background with the Hex color 803B7D.

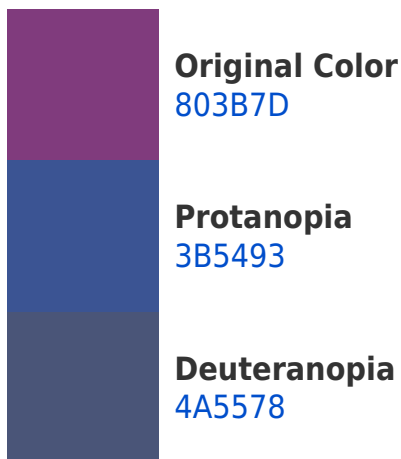


This preview shows how white text looks on a background with the Hex color 803B7D.

# 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](#).

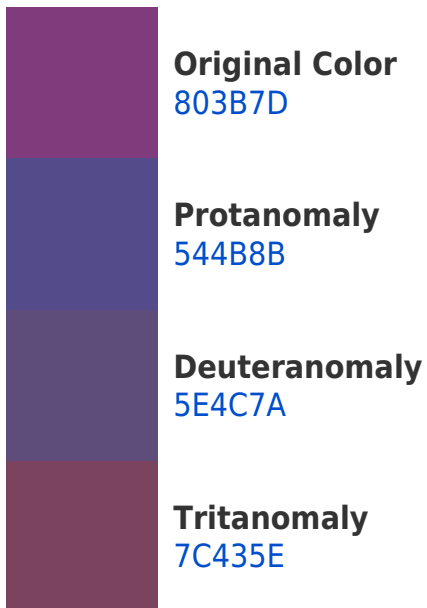
## Dichromacy



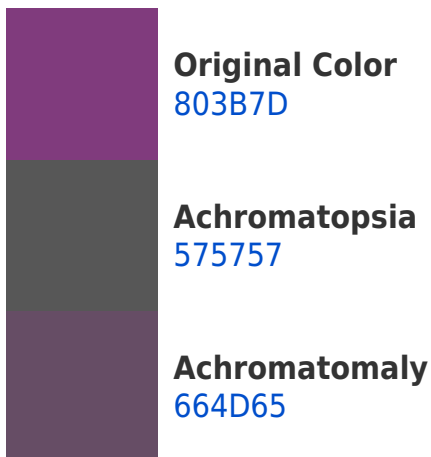


**Tritanopia**  
7A474C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 803B7D 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 #803B7D looks like.

```
.text, #text, p{  
    color:#803B7D  
}
```

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 #803B7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #803B7D
}
```

## Border

The CSS property to change the border of an element to Hex 803B7D is called "border". The border property can be set on classes, ids or directly on the HTML element.

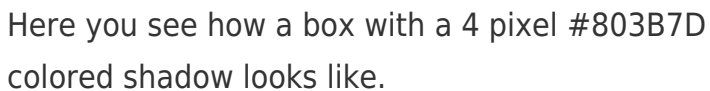
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#803B7D }
```

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

```
.border{ border-color:#803B7D }
```

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



Here you see how a box with a 4 pixel #803B7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #803B7D; -webkit-box-shadow:4px 4px  
4px 4px #803B7D; box-shadow:4px 4px 4px  
4px #803B7D }
```

# Background

The CSS property to change the background color of an element to Hex 803B7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#803B7D }
```

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

```
.background{ background-color:#803B7D }
```

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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