

Converting Colors

Hex(80497C)

Have a look what the booklet for
Hex(80497C) contains.

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Color

Hex(80497C)

Conversions

Conversions Part 1

Format	Color
Hex	80497C
RGB	128, 73, 124
RGB Percent	50%, 29%, 49%
CMY	0.4980, 0.7137, 0.5137
CMYK	0.00, 0.43, 0.03, 0.50
HSL	304°, 27%, 39%
HSV	304°, 43%, 50%
XYZ	14.9227, 10.8095, 20.3687
YIQ	95.2590, 16.4090, 27.5210

Conversions

Conversions Part 2

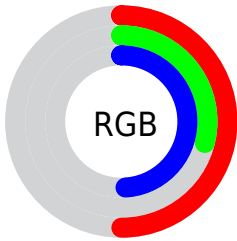
Format	Color
R_{YB}	128, 73, 124
Decimal	8407420
CIE _{Lab}	39.26, 31.56, -19.11
CIE _{LCh}	39, 36.893, 328.799
Yxy	10.8095, 0.3237, 0.2345
Android (android.graphics.Color)	4286597500 (0xFF80497C)
YUV	95.2590, 14.1693, 28.7139
Hunter-Lab	32.8778, 23.4821, -13.7173

Details

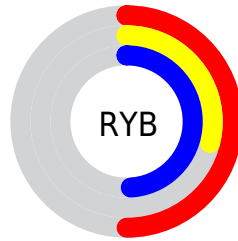
The Hex color **80497C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **49804D**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **B67BB1**, and **4D194B** is the 20% darker color. If you saturate the color by 10%, you get **803C7B**, and if you desaturate by 10%, it is **80567D**.

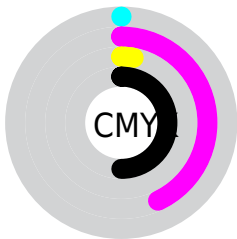
Distribution



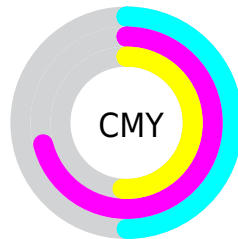
- Red (50%)
- Green (29%)
- Blue (49%)



- Red (50%)
- Yellow (29%)
- Blue (49%)



- Cyan (0%)
- Magenta (43%)
- Yellow (3%)
- Black (50%)



- Cyan (50%)
- Magenta (71%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80497C 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 80497C by changing the saturation by 10% instead.

■ 80497C

■ 80497C

FFFFFF

■ 663163

■ B67BB1

■ 4D194B

■ D295CC

■ 350134

■ EFB0E8

■ 22001F

■ FFCCFF

■ 000001

■ FFE9FF

■ 000000

■ 80497C

■ 80497C

■ 803C7B

■ 80567D

■ 802F7A

■ 80637E

802379

806F7F

801678

807C80

800977

808981

800077

809682

80A383

80AF83

80BC84

Harmonies

Analogous

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



5C5591



80497C



92425F

Triad

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



80497C



6E5A1D



006B78

Complementary

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



80497C



49804D

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.



006B5A



80497C



506325

Square

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



80497C



854F29



28693C



00678F

Rectangle

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



80497C



94434B



28693C



006B6F

Sweetspot

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



80497C



A690A4



4D4980



544753



D4D4D4



545454

Same Dimension

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



80497C



A6509F



804961



40393F



800076



000000

Inverse Universe

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



80497C



A6509F



498068



40393F



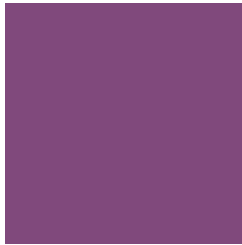
800076



000000

Previews

White Background



This preview shows how the Hex color 80497C looks on a white background.

Color Contrast Check

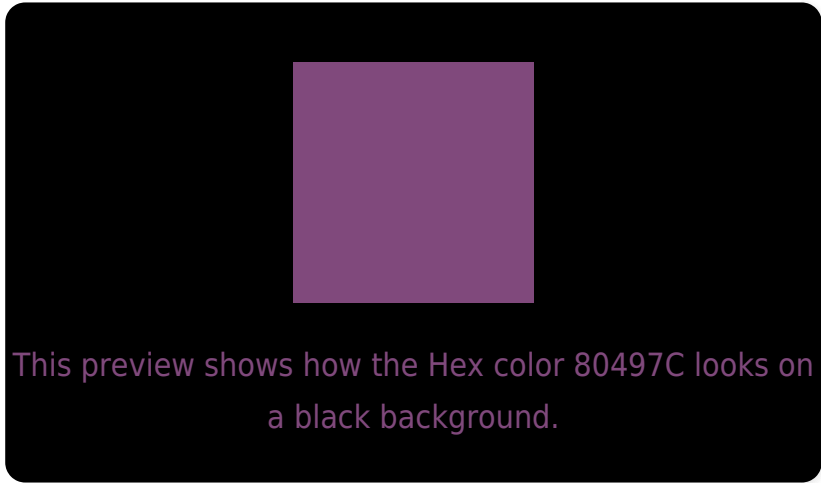
Large Text (above 18pt) WCAG AA ✓ Pass

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

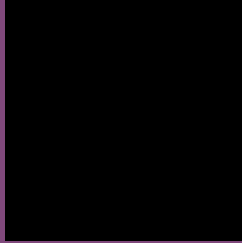
Any Text WCAG AA × Fail

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 80497C Background



This preview shows how black text looks on a background with the Hex color 80497C.

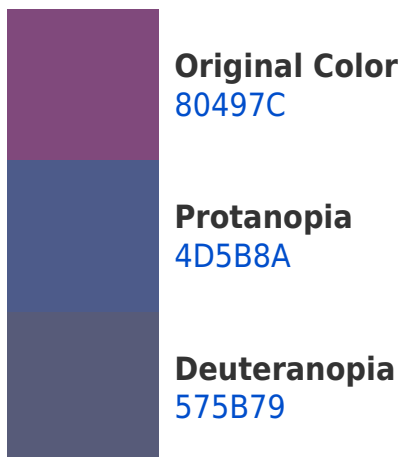


This preview shows how white text looks on a background with the Hex color 80497C.

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
7B5157

Trichromacy



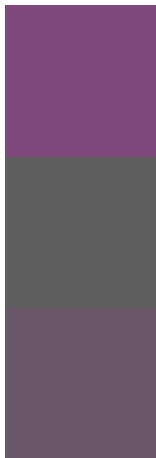
Original Color
80497C

Protanomaly
605485

Deuteranomaly
66547A

Tritanomaly
7D4E64

Monochromacy



Original Color
80497C

Achromatopsia
5F5F5F

Achromatomaly
6B576A

CSS Examples

Text

The CSS property to change the color of the text to Hex 80497C 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 #80497C looks like.

```
.text, #text, p{  
    color:#80497C  
}
```

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 #80497C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80497C
}
```

Border

The CSS property to change the border of an element to Hex 80497C is called "border". The border property can be set on classes, ids or directly on the HTML element.

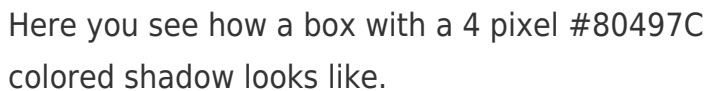
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80497C }
```

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

```
.border{ border-color:#80497C }
```

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



Here you see how a box with a 4 pixel #80497C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80497C; -webkit-box-shadow:4px 4px  
4px 4px #80497C; box-shadow:4px 4px 4px  
4px #80497C }
```

Background

The CSS property to change the background color of an element to Hex 80497C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80497C }
```

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

```
.background{ background-color:#80497C }
```

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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