

Converting Colors

Hex(80489E)

Have a look what the booklet for
Hex(80489E) contains.

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Color

Hex(80489E)

Conversions

Conversions Part 1

Format	Color
Hex	80489E
RGB	128, 72, 158
RGB Percent	50%, 28%, 62%
CMY	0.4980, 0.7176, 0.3804
CMYK	0.19, 0.54, 0.00, 0.38
HSL	279°, 37%, 45%
HSV	279°, 54%, 62%
XYZ	17.3910, 11.6925, 33.6880
YIQ	98.5480, 5.7700, 38.6180

Conversions

Conversions Part 2

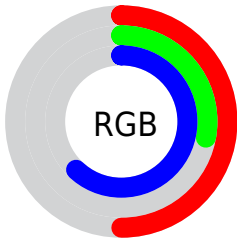
Format	Color
R_{YB}	128, 72, 158
Decimal	8407198
CIE _{Lab}	40.72, 39.36, -37.47
CIE _{LCh}	41, 54.344, 316.408
Yxy	11.6925, 0.2771, 0.1863
Android (android.graphics.Color)	4286597278 (0xFF80489E)
YUV	98.5480, 29.3098, 25.8294
Hunter-Lab	34.1944, 30.9437, -34.4760

Details

The Hex color **80489E** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **669E48**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **B77BD5**, and **4C176A** is the 20% darker color. If you saturate the color by 10%, you get **7A389E**, and if you desaturate by 10%, it is **86589E**.

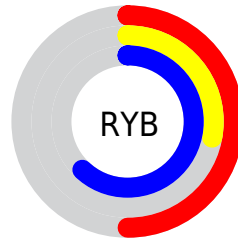
Distribution



Red (50%)

Green (28%)

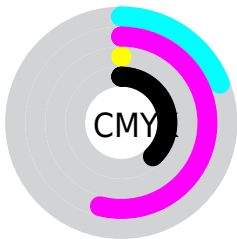
Blue (62%)



Red (50%)

Yellow (28%)

Blue (62%)

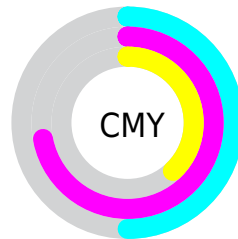


Cyan (19%)

Magenta (54%)

Yellow (0%)

Black (38%)



Cyan (50%)

Magenta (72%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80489E 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 80489E by changing the saturation by 10% instead.

80489E

80489E

FFFFFF

663084

B77BD5

4C176A

D395F2

330051

F0B0FF

1E003A

FFCCFF

000223

FFE9FF

00000A

000000

80489E

80489E

7A389E

86589E

75289E

8B689E

6F199E

91779E

6A099E

96879E

67009E

9C979E

A1A79E

A7B79E

ACC69E

B2D69E

Harmonies

Analogous

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



2B5DB6



80489E



A53376

Triad

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



80489E



855700



007478

Complementary

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



80489E



669E48

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.



00734A



80489E



5D6500

Square

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



80489E



A24220



256E1C



0072A0

Rectangle

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



80489E



AE2E58



256E1C



007469

Sweetspot

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



80489E



C3AECF



48669E



625569



E8E8E8



696969

Same Dimension

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



80489E



A048CF



9E4891



4C474F



5D008F



0A000F

Inverse Universe

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



9E4866



CF4877



489E55



4F474A



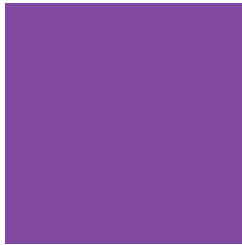
8F0032



0F0005

Previews

White Background



This preview shows how the Hex color 80489E looks on a white background.

Color Contrast Check

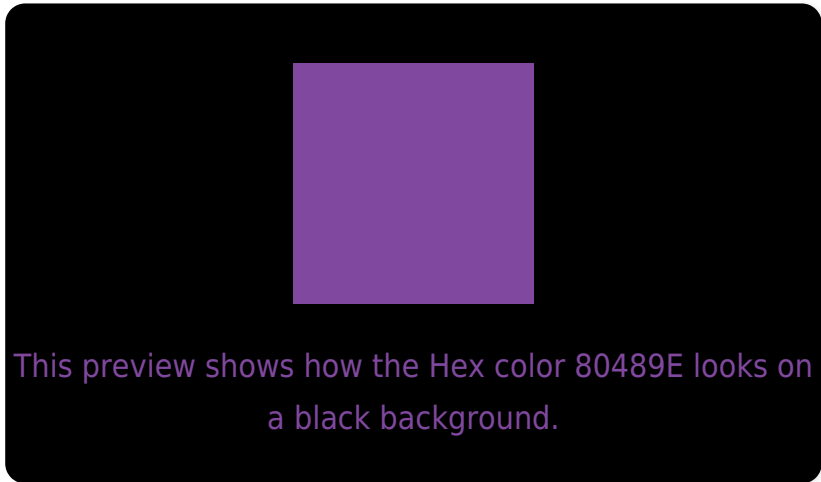
Large Text (above 18pt) WCAG AA ✓ Pass

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 80489E Background



This preview shows how black text looks on a background with the Hex color 80489E.




This preview shows how white text looks on a background with the Hex color 80489E.

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](#).

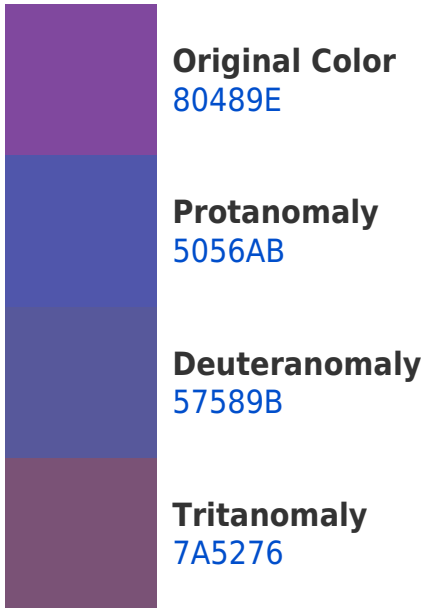
Dichromacy



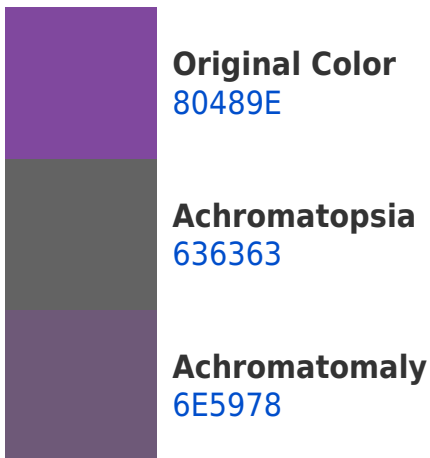


Tritanopia
76585F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80489E 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 #80489E looks like.

```
.text, #text, p{  
    color:#80489E  
}
```

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 #80489E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80489E
}
```

Border

The CSS property to change the border of an element to Hex 80489E is called "border". The border property can be set on classes, ids or directly on the HTML element.

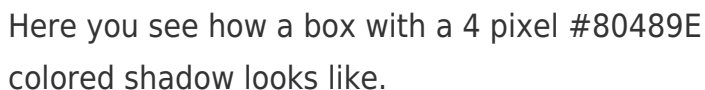
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80489E }
```

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

```
.border{ border-color:#80489E }
```

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



Here you see how a box with a 4 pixel #80489E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80489E; -webkit-box-shadow:4px 4px  
4px 4px #80489E; box-shadow:4px 4px 4px  
4px #80489E }
```

Background

The CSS property to change the background color of an element to Hex 80489E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80489E }
```

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

```
.background{ background-color:#80489E }
```

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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