

Converting Colors

Hex(805C99)

Have a look what the booklet for
Hex(805C99) contains.

Hex(805C99)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(805C99)

Conversions

Conversions Part 1

Format	Color
Hex	805C99
RGB	128, 92, 153
RGB Percent	50%, 36%, 60%
CMY	0.4980, 0.6392, 0.4000
CMYK	0.16, 0.40, 0.00, 0.40
HSL	275°, 25%, 48%
HSV	275°, 40%, 60%
XYZ	18.4790, 14.5434, 31.9702
YIQ	109.7180, 1.8750, 26.6030

Conversions

Conversions Part 2

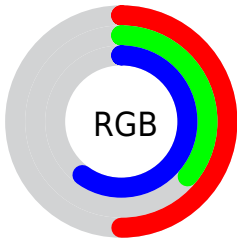
Format	Color
R_{YB}	128, 92, 153
Decimal	8412313
CIE _{Lab}	45.00, 26.72, -27.75
CIE _{LCh}	45, 38.523, 313.907
Yxy	14.5434, 0.2843, 0.2238
Android (android.graphics.Color)	4286602393 (0xFF805C99)
YUV	109.7180, 21.3380, 16.0333
Hunter-Lab	38.1358, 19.7559, -23.0092

Details

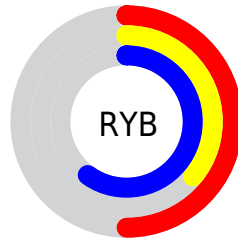
The Hex color **805C99** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **75995C**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B68FD0**, and **4D2D66** is the 20% darker color. If you saturate the color by 10%, you get **7A4D99**, and if you desaturate by 10%, it is **866B99**.

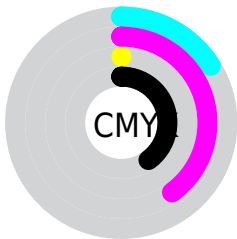
Distribution



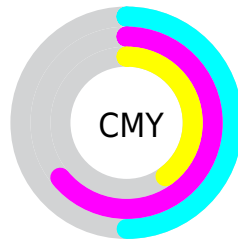
- Red (50%)
- Green (36%)
- Blue (60%)



- Red (50%)
- Yellow (36%)
- Blue (60%)



- Cyan (16%)
- Magenta (40%)
- Yellow (0%)
- Black (40%)



- Cyan (50%)
- Magenta (64%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 805C99 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 805C99 by changing the saturation by 10% instead.



805C99



805C99

FFFFFF



66447F



B68FD0



4D2D66



D2AAEC



35174D



EEC5FF



1F0036



FFE1FF



000020

FFFEFF



000005



000000



805C99



805C99



7A4D99



866B99

733D99

8D7B99

6D2E99

938A99

671F99

999999

610F99

9FA999

5A0099

A6B899

ACC799

B2D699

B8E699

Harmonies

Analogous

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



4E69A9



805C99



9D517D

Triad

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



805C99



8B632B



007B79

Complementary

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



805C99



75995C

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.



0B7958



805C99



6F6D29

Square

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



805C99



9F573F



4B753A



007996

Rectangle

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



805C99



A54F68



4B753A



007B6E

Sweetspot

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



805C99



BDAFC7



5C7599



5E5663



E3E3E3



636363

Same Dimension

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



805C99



A067C7



995C94



49454D



53008C



08000D

Inverse Universe

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



995C75



C7678F



5C9961



4D4548



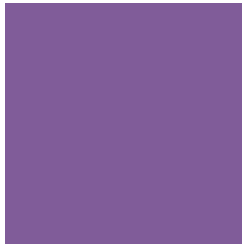
8C0039



0D0005

Previews

White Background



This preview shows how the Hex color 805C99 looks on a white background.

Color Contrast Check

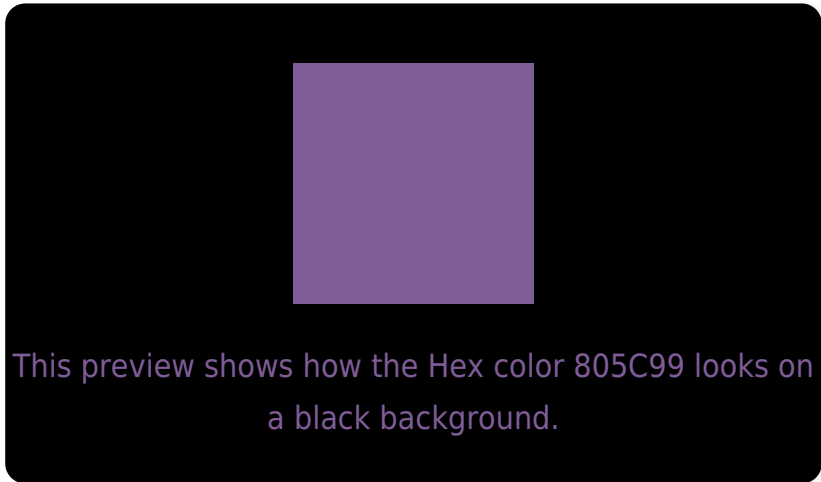
Large Text (above 18pt) WCAG AA ✓ Pass

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

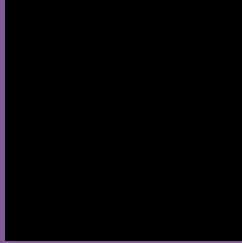
Any Text WCAG AA × Fail

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 805C99 Background



This preview shows how black text looks on a background with the Hex color 805C99.

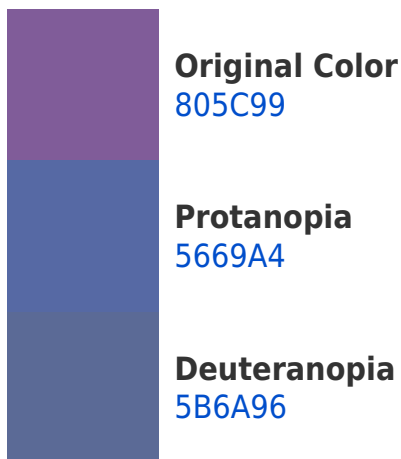



This preview shows how white text looks on a background with the Hex color 805C99.

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
79656D

Trichromacy



Original Color
805C99

Protanomaly
6564A0

Deuteranomaly
686597

Tritanomaly
7C627D

Monochromacy



Original Color
805C99

Achromatopsia
6E6E6E

Achromatomaly
75677E

CSS Examples

Text

The CSS property to change the color of the text to Hex 805C99 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 #805C99 looks like.

```
.text, #text, p{  
    color:#805C99  
}
```

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 #805C99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #805C99
}
```

Border

The CSS property to change the border of an element to Hex 805C99 is called "border". The border property can be set on classes, ids or directly on the HTML element.

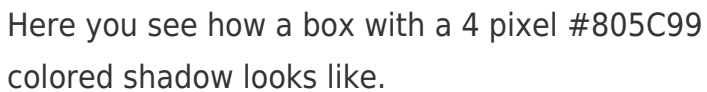
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#805C99 }
```

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

```
.border{ border-color:#805C99 }
```

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



Here you see how a box with a 4 pixel #805C99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #805C99; -webkit-box-shadow:4px 4px  
4px 4px #805C99; box-shadow:4px 4px 4px  
4px #805C99 }
```

Background

The CSS property to change the background color of an element to Hex 805C99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#805C99 }
```

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

```
.background{ background-color:#805C99 }
```

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