

# Converting Colors

Hex(805E90)

Have a look what the booklet for  
Hex(805E90) contains.

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# Color

**Hex(805E90)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	805E90
RGB	128, 94, 144
RGB Percent	50%, 37%, 56%
CMY	0.4980, 0.6314, 0.4353
CMYK	0.11, 0.35, 0.00, 0.44
HSL	281°, 21%, 47%
HSV	281°, 35%, 56%
XYZ	17.9388, 14.6082, 28.2597
YIQ	109.8660, 4.2140, 22.7580

# Conversions

## Conversions Part 2

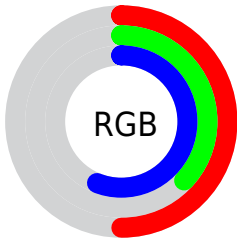
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">128, 94, 144</a>
Decimal	<a href="#">8412816</a>
CIELab	<a href="#">45.09, 23.47, -22.24</a>
CIElCh	<a href="#">45, 32.339, 316.544</a>
Yxy	<a href="#">14.6082, 0.2950, 0.2402</a>
Android (android.graphics.Color)	<a href="#">4286602896 (0xFF805E90)</a>
YUV	<a href="#">109.8660, 16.8281, 15.9035</a>
Hunter-Lab	<a href="#">38.2207, 16.8925, -17.0835</a>

# Details

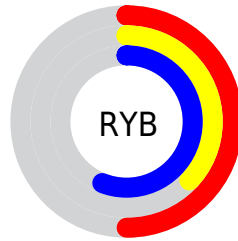
The Hex color **805E90** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6E905E**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B591C6**, and **4E2F5D** is the 20% darker color. If you saturate the color by 10%, you get **7B5090**, and if you desaturate by 10%, it is **856C90**.

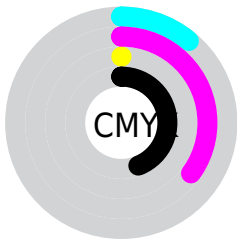
# Distribution



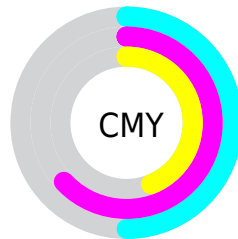
- Red (50%)
- Green (37%)
- Blue (56%)



- Red (50%)
- Yellow (37%)
- Blue (56%)



- Cyan (11%)
- Magenta (35%)
- Yellow (0%)
- Black (44%)



- Cyan (50%)
- Magenta (63%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 805E90 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 805E90 by changing the saturation by 10% instead.



 805E90

 805E90

FFFFFF

 664676

 B591C6

 4E2F5D

 D1ACE2

 361946

 EEC7FF

 20022F

 FFE3FF

 00001A

 000000

 805E90

 805E90

 7B5090

 856C90

 774190

 897B90

723390

8E8990

6E2490

929890

691690

97A690

640890

9CB490

620090

A0C390

A5D190

A9E090

# Harmonies

## Analogous

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



5A689E



805E90



975678

# Triad

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



805E90



866536



007979

# Complementary

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



805E90



6E905E

# 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.



26785D



805E90



6D6E35

# Square

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



805E90



985B45



4E7444



007791

# Rectangle

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



805E90



9E5566



4E7444



007970



# Sweetspot

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



805E90



B4A8BA



5E6F90



5B535E



DEDEDE



5E5E5E



# Same Dimension

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



805E90



A16CBA



905E88



454047



5C0087



050008



# Inverse Universe

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



905E6E



BA6C85



5E9066



474043



87002B

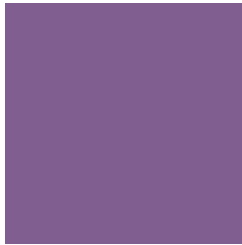


080002



# Previews

## White Background



This preview shows how the Hex color 805E90 looks on a white background.

## Color Contrast Check

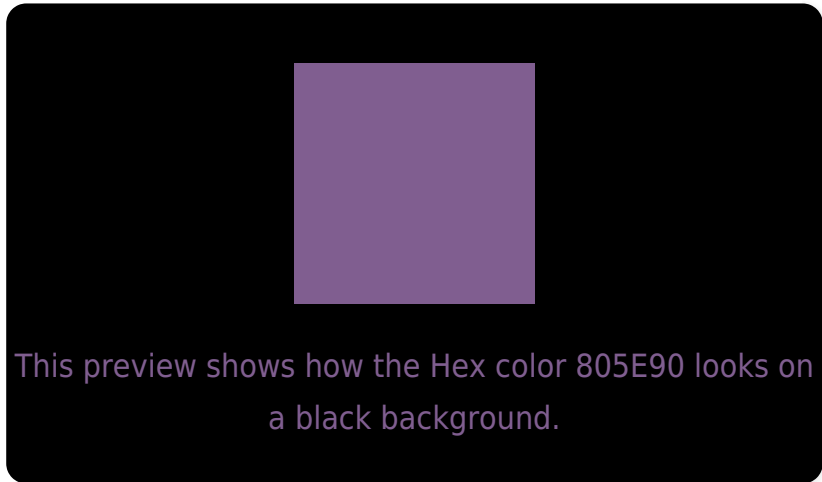
Large Text (above 18pt) WCAG AA ✓ Pass

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

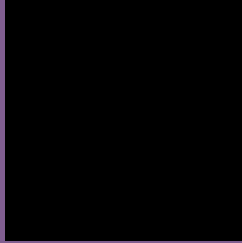
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 805E90 Background



This preview shows how black text looks on a background with the Hex color 805E90.

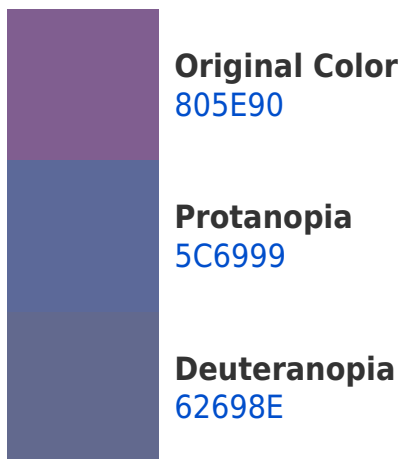



This preview shows how white text looks on a background with the Hex color 805E90.

# 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**  
7B656D

# Trichromacy



**Original Color**  
805E90

**Protanomaly**  
696596

**Deuteranomaly**  
6D658F

**Tritanomaly**  
7D627A

# Monochromacy



**Original Color**  
805E90

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
75687A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 805E90 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 #805E90 looks like.

```
.text, #text, p{  
    color:#805E90  
}
```

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 #805E90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #805E90  
}
```

## Border

The CSS property to change the border of an element to Hex 805E90 is called "border". The border property can be set on classes, ids or directly on the HTML element.

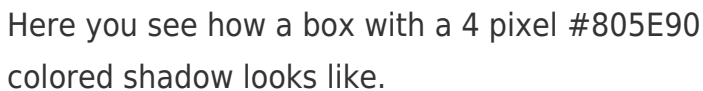
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#805E90 }
```

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

```
.border{ border-color:#805E90 }
```

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



Here you see how a box with a 4 pixel #805E90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #805E90; -webkit-box-shadow:4px 4px  
4px 4px #805E90; box-shadow:4px 4px 4px  
4px #805E90 }
```

# Background

The CSS property to change the background color of an element to Hex 805E90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#805E90 }
```

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

```
.background{ background-color:#805E90 }
```

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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