

# Converting Colors

Hex(805C71)

Have a look what the booklet for  
Hex(805C71) contains.

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# Color

**Hex(805C71)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	805C71
RGB	128, 92, 113
RGB Percent	50%, 36%, 44%
CMY	0.4980, 0.6392, 0.5569
CMYK	0.00, 0.28, 0.12, 0.50
HSL	325°, 16%, 43%
HSV	325°, 28%, 50%
XYZ	15.7099, 13.4357, 17.3881
YIQ	105.1580, 14.7150, 14.1630

# Conversions

## Conversions Part 2

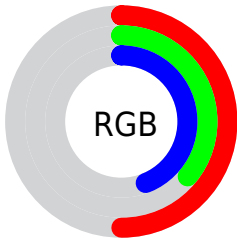
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 92, 113
Decimal	8412273
CIE <sub>Lab</sub>	43.41, 18.31, -6.07
CIE <sub>LCh</sub>	43, 19.290, 341.652
Yxy	13.4357, 0.3376, 0.2887
Android (android.graphics.Color)	4286602353 (0xFF805C71)
YUV	105.1580, 3.8661, 20.0324
Hunter-Lab	36.6548, 12.3574, -2.4674

# Details

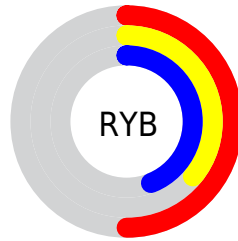
The Hex color **805C71** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5C806B**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **B58FA5**, and **4E2D41** is the 20% darker color. If you saturate the color by 10%, you get **804F6C**, and if you desaturate by 10%, it is **806976**.

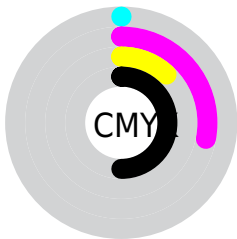
# Distribution



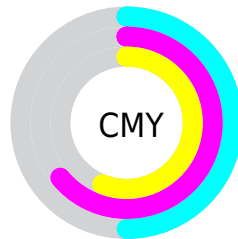
- Red (50%)
- Green (36%)
- Blue (44%)



- Red (50%)
- Yellow (36%)
- Blue (44%)



- Cyan (0%)
- Magenta (28%)
- Yellow (12%)
- Black (50%)



- Cyan (50%)
- Magenta (64%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 805C71 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 805C71 by changing the saturation by 10% instead.





805C71



805C71

FFFFFF



674459



B58FA5



4E2D41



D1A9C0



37182B



EEC4DC



220017



FFE1F8



000000



FFDFD



805C71



805C71



804F6C



806976



804266



80767C

803661

808281

80295C

808F86

801C56

809C8C

800F51

80A991

80024C

80B696

80004B

80C29C

80CFA1

# Harmonies

## Analogous

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



71607E



805C71



875B61

# Triad

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



805C71



6C6847



366E7B

# Complementary

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



805C71



5C806B

# 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.



39706C



805C71



5A6C4E

# Square

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



805C71



7B6249



486F5C



456B84

# Rectangle

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



805C71



865C57



486F5C



356F77



# Sweetspot

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



805C71



A698A0



6B5C80



544C51



D4D4D4



545454



# Same Dimension

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



805C71



A66D8E



805C5F



40393D



80004A



000000



# Inverse Universe

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



805C71



A66D8E



5C807D



40393D



80004A

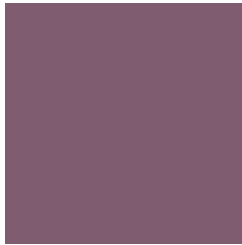


000000



# Previews

## White Background



This preview shows how the Hex color 805C71 looks on a white background.

## Color Contrast Check

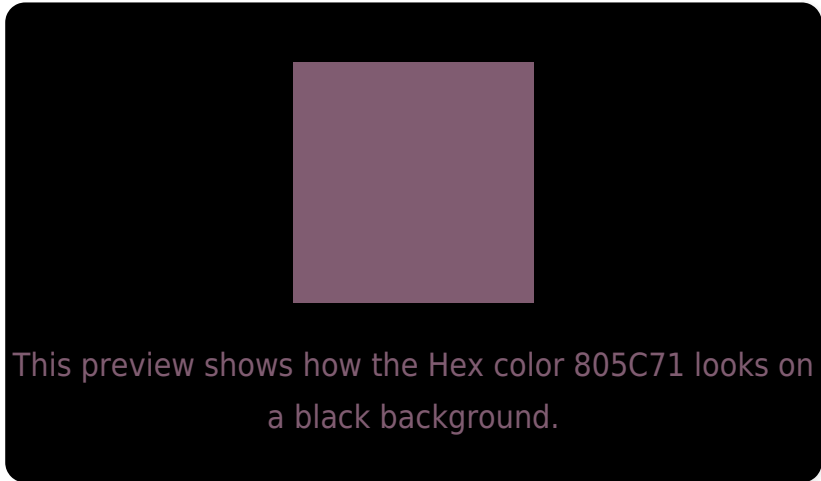
Large Text (above 18pt) WCAG AA ✓ Pass

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

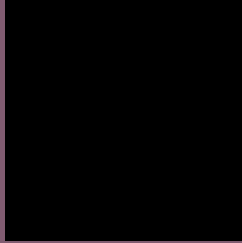
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 805C71 Background



This preview shows how black text looks on a background with the Hex color 805C71.

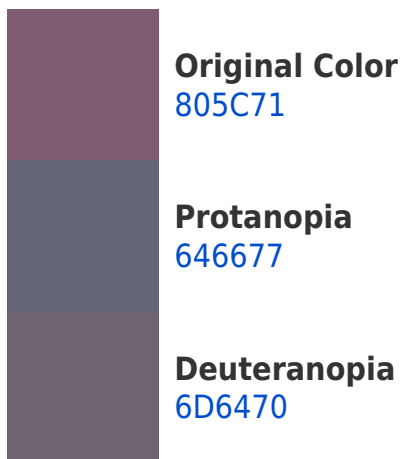


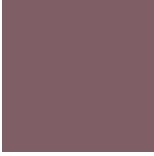
This preview shows how white text looks on a background with the Hex color 805C71.

# 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**  
7F5E65

# Trichromacy



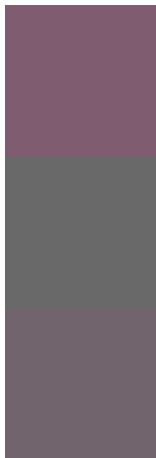
**Original Color**  
805C71

**Protanomaly**  
6E6275

**Deuteranomaly**  
746170

**Tritanomaly**  
7F5D69

# Monochromacy



**Original Color**  
805C71

**Achromatopsia**  
696969

**Achromatomaly**  
71646C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 805C71 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 #805C71 looks like.

```
.text, #text, p{  
    color:#805C71  
}
```

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 #805C71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #805C71
}
```

## Border

The CSS property to change the border of an element to Hex 805C71 is called "border". The border property can be set on classes, ids or directly on the HTML element.

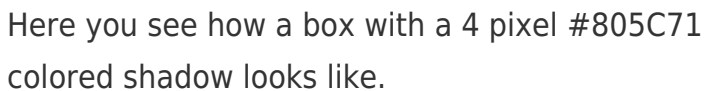
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#805C71 }
```

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

```
.border{ border-color:#805C71 }
```

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



Here you see how a box with a 4 pixel #805C71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #805C71; -webkit-box-shadow:4px 4px  
4px 4px #805C71; box-shadow:4px 4px 4px  
4px #805C71 }
```

# Background

The CSS property to change the background color of an element to Hex 805C71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#805C71 }
```

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

```
.background{ background-color:#805C71 }
```

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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