

Converting Colors

Hex(840875)

Have a look what the booklet for
Hex(840875) contains.

| | |
|--|----|
| Hex(840875) | 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(840875)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 840875 |
| RGB | 132, 8, 117 |
| RGB Percent | 52%, 3%, 46% |
| CMY | 0.4824, 0.9686, 0.5412 |
| CMYK | 0.00, 0.94, 0.11, 0.48 |
| HSL | 307°, 89%, 27% |
| HSV | 307°, 94%, 52% |
| XYZ | 12.8134, 6.3636, 17.3826 |
| YIQ | 57.5020, 38.9150, 60.1870 |

Conversions

Conversions Part 2

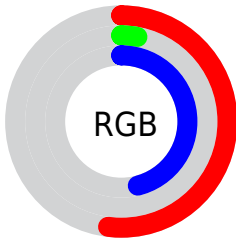
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 132, 8, 117 |
| Decimal | 8652917 |
| CIE _{Lab} | 30.31, 56.76, -28.65 |
| CIE _{LCh} | 30, 63.578, 333.218 |
| Yxy | 6.3636, 0.3505, 0.1741 |
| Android (android.graphics.Color) | 4286842997 (0xFF840875) |
| YUV | 57.5020, 29.3325, 65.3347 |
| Hunter-Lab | 25.2261, 46.5224, -23.1968 |




Details

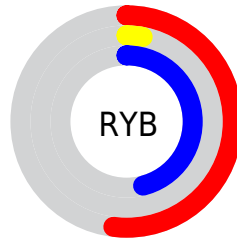
The Hex color **840875** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **088417**, and the grayscale version is **393939**.




A 20% lighter version of the original color is **BC4BAA**, and **4E0044** is the 20% darker color. If you saturate the color by 10%, you get **840074**, and if you desaturate by 10%, it is **841577**.

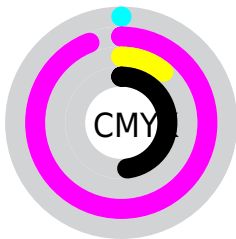
Distribution







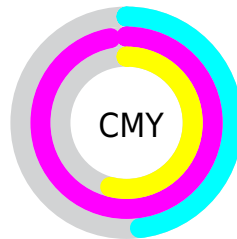
-  Red (52%)
-  Green (3%)
-  Blue (46%)






-  Red (52%)
-  Yellow (3%)
-  Blue (46%)



-  Cyan (0%)
-  Magenta (94%)
-  Yellow (11%)
-  Black (48%)



-  Cyan (48%)
-  Magenta (97%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 840875 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 840875 by changing the saturation by 10% instead.

 840875

 840875

FFFFFF

 69005C

 BC4BAA

 4E0044

 D967C5

 37002E

 F782E1

 150018

 FF9EFE

 000000

 FFBAFF

 FFD7FF

 FFF4FF

 840875

 840875

■ 840074

■ 841577

■ 842278

■ 84307A

■ 843D7B

■ 844A7D

■ 84577F

■ 846480

■ 847282

■ 847F83

Harmonies

Analogous

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



45379C



840875



990044

Triad

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



840875



544700



005B7D

Complementary

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



840875



088417

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.



005B4C



840875



1D5300

Square

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



840875



7A3200



005815



0058A1

Rectangle

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



840875



980024



005815



005B6D

Sweetspot

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



840875



AB7BA5



160884



573953



D6D6D6



575757

Same Dimension

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



840875



AB0096



840838



423C41



820072



030002

Inverse Universe

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



840875



AB0096



088454



423C41



820072



030002

Previews

White Background



This preview shows how the Hex color 840875 looks on a white background.

Color Contrast Check

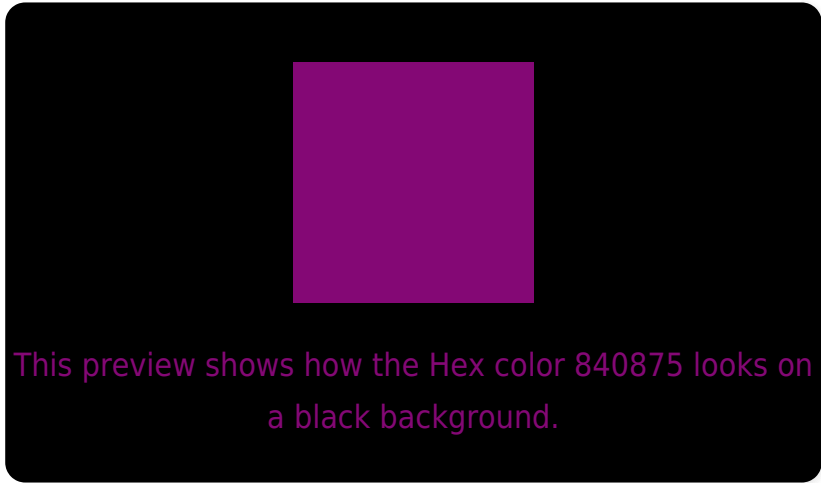
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

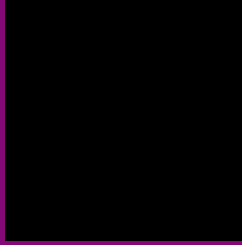
Any Text WCAG AA × Fail

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 840875 Background



This preview shows how black text looks on a background with the Hex color 840875.

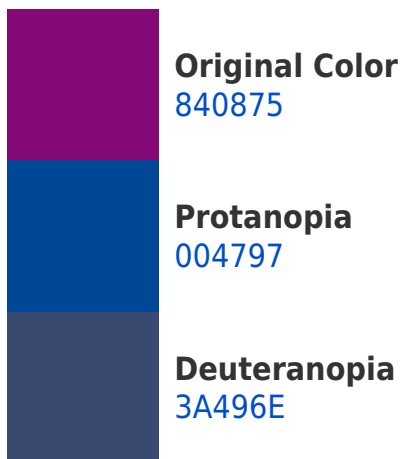


This preview shows how white text looks on a background with the Hex color 840875.

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
7E2E31

Trichromacy



Original Color
840875

Protanomaly
30308B

Deuteranomaly
553171

Tritanomaly
80204A

Monochromacy



Original Color
840875

Achromatopsia
3A3A3A

Achromatomaly
55284F

CSS Examples

Text

The CSS property to change the color of the text to Hex 840875 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 #840875 looks like.

```
.text, #text, p{  
    color:#840875  
}
```

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 #840875 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #840875
}
```

Border

The CSS property to change the border of an element to Hex 840875 is called "border". The border property can be set on classes, ids or directly on the HTML element.

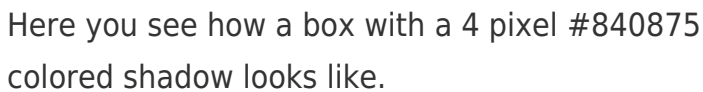
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#840875 }
```

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

```
.border{ border-color:#840875 }
```

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



Here you see how a box with a 4 pixel #840875 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #840875; -webkit-box-shadow:4px 4px  
4px 4px #840875; box-shadow:4px 4px 4px  
4px #840875 }
```

Background

The CSS property to change the background color of an element to Hex 840875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#840875 }
```

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

```
.background{ background-color:#840875 }
```

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