

# Converting Colors

Hex(840672)

Have a look what the booklet for  
Hex(840672) contains.

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# Color

**Hex(840672)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	840672
RGB	132, 6, 114
RGB Percent	52%, 2%, 45%
CMY	0.4824, 0.9765, 0.5529
CMYK	0.00, 0.95, 0.14, 0.48
HSL	309°, 91%, 27%
HSV	309°, 95%, 52%
XYZ	12.6181, 6.2507, 16.4610
YIQ	55.9860, 40.4280, 60.3000

# Conversions

## Conversions Part 2

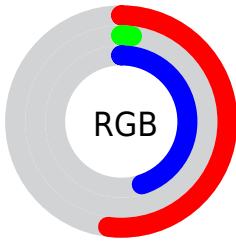
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 6, 114
Decimal	8652402
CIE <sub>Lab</sub>	30.04, 56.64, -27.17
CIE <sub>LCh</sub>	30, 62.816, 334.370
Yxy	6.2507, 0.3572, 0.1769
Android (android.graphics.Color)	4286842482 (0xFF840672)
YUV	55.9860, 28.6009, 66.6643
Hunter-Lab	25.0014, 46.3359, -21.5359

# Details

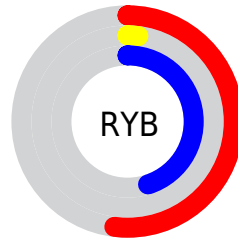
The Hex color **840672** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **068418**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **BC4AA6**, and **4E0041** is the 20% darker color. If you saturate the color by 10%, you get **840071**, and if you desaturate by 10%, it is **841374**.

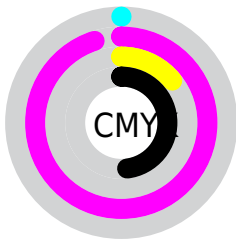
# Distribution



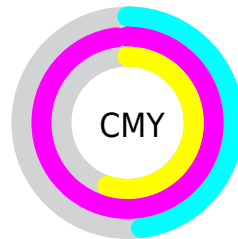
- Red (52%)
- Green (2%)
- Blue (45%)



- Red (52%)
- Yellow (2%)
- Blue (45%)



- Cyan (0%)
- Magenta (95%)
- Yellow (14%)
- Black (48%)



- Cyan (48%)
- Magenta (98%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 840672 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 840672 by changing the saturation by 10% instead.



 840672

 840672

FFFFFF

 690059

 BC4AA6

 4E0041

 D966C2

 37002B

 F781DE

 150015

 FF9DFA

 000000

 FFB9FF

 FFD6FF

 FFF3FF

 840672

 840672

■ 840071

■ 841374

■ 842076

■ 842E78

■ 843B7A

■ 84487B

■ 84557D

■ 84627F

■ 847081

■ 847D83

# Harmonies

## Analogous

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



493599



840672



980042

# Triad

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



840672



514700



005A7D

# Complementary

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



840672



068418

# 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.



005A4D



840672



1A5200

# Square

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



840672



783300



005818



0057A0

# Rectangle

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



840672



960022



005818



005A6E



# Sweetspot

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



840672



AB79A4



170684



573852



D6D6D6



575757



# Same Dimension

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



840672



AB0092



840634



423C41



82006F



030002



# Inverse Universe

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



840672



AB0092



068456



423C41



82006F



030002



# Previews

## White Background



This preview shows how the Hex color 840672 looks on a white background.

## Color Contrast Check

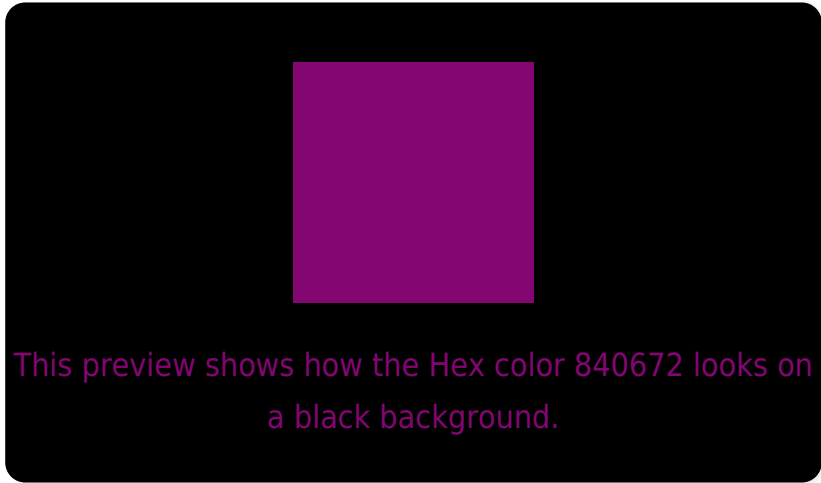
Large Text (above 18pt) WCAG AA ✓ Pass

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

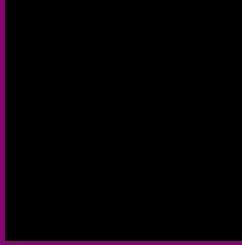
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 840672 Background



This preview shows how black text looks on a background with the Hex color 840672.



This preview shows how white text looks on a background with the Hex color 840672.

# 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**  
7E2D30

# Trichromacy



**Original Color**  
840672

**Protanomaly**  
302F89

**Deuteranomaly**  
56316E

**Tritanomaly**  
801F48

# Monochromacy



**Original Color**  
840672

**Achromatopsia**  
383838

**Achromatomaly**  
54264D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 840672 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 #840672 looks like.

```
.text, #text, p{  
    color:#840672  
}
```

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 #840672 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #840672
}
```

## Border

The CSS property to change the border of an element to Hex 840672 is called "border". The border property can be set on classes, ids or directly on the HTML element.

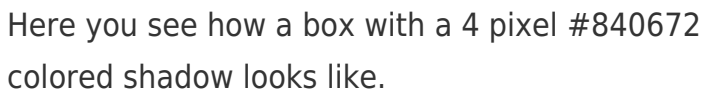
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#840672 }
```

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

```
.border{ border-color:#840672 }
```

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



Here you see how a box with a 4 pixel #840672 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #840672; -webkit-box-shadow:4px 4px  
4px 4px #840672; box-shadow:4px 4px 4px  
4px #840672 }
```

# Background

The CSS property to change the background color of an element to Hex 840672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#840672 }
```

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

```
.background{ background-color:#840672 }
```

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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