

Converting Colors

Hex(840042)

Have a look what the booklet for
Hex(840042) contains.

Hex(840042)	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(840042)

Conversions

Conversions Part 1

Format	Color
Hex	840042
RGB	132, 0, 66
RGB Percent	52%, 0%, 26%
CMY	0.4824, 1.0000, 0.7412
CMYK	0.00, 1.00, 0.50, 0.48
HSL	330°, 100%, 26%
HSV	330°, 100%, 52%
XYZ	10.4991, 5.2989, 5.6237
YIQ	46.9920, 57.4860, 48.5100

Conversions

Conversions Part 2

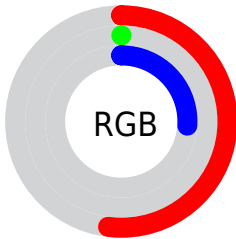
Format	Color
R_{YB}	132, 0, 66
Decimal	8650818
CIE _{Lab}	27.57, 52.10, 0.64
CIE _{LCh}	28, 52.109, 0.702
Yxy	5.2989, 0.4901, 0.2474
Android (android.graphics.Color)	4286840898 (0xFF840042)
YUV	46.9920, 9.3709, 74.5520
Hunter-Lab	23.0193, 41.1300, 1.6288

Details

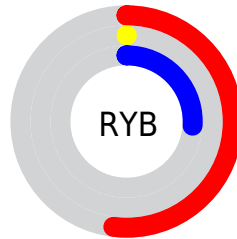
The Hex color **840042** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **008442**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **BE4672**, and **4C0018** is the 20% darker color. If you saturate the color by 10%, you get **840042**, and if you desaturate by 10%, it is **840D49**.

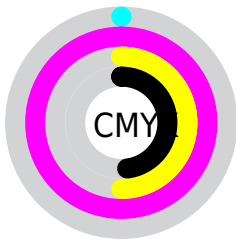
Distribution



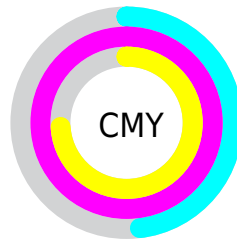
- Red (52%)
- Green (0%)
- Blue (26%)



- Red (52%)
- Yellow (0%)
- Blue (26%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (48%)



- Cyan (48%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 840042 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 840042 by changing the saturation by 10% instead.

 840042

 840042

FFFFFF

 68002C

 BE4672

 4C0018

 DB618B

 330002

 FA7CA5

 000000

 FF98C0

 FFB4DC

 FFD0F9

 FFEDFF

 840042

 840D49

 841A4F

 842856

 84355C

 844263

 844F6A

 845C70

 846A77

 84777D

Harmonies

Analogous

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



701C69



840042



81151B

Triad

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



840042



284A00



004F87

Complementary

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



840042



008442

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.



005269



840042



004F16

Square

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



840042



504000



005241



004692

Rectangle

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



840042



762700



005241



00507F

Sweetspot

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



840042



AB7891



420084



573747



D6D6D6



575757

Same Dimension

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



840042



AB0055



840000



423C3F



820041



030001

Inverse Universe

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



840042



AB0055



008484



423C3F



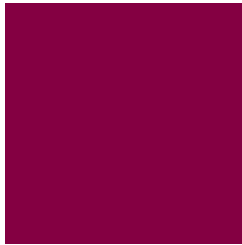
820041



030001

Previews

White Background



This preview shows how the Hex color 840042 looks on a white background.

Color Contrast Check

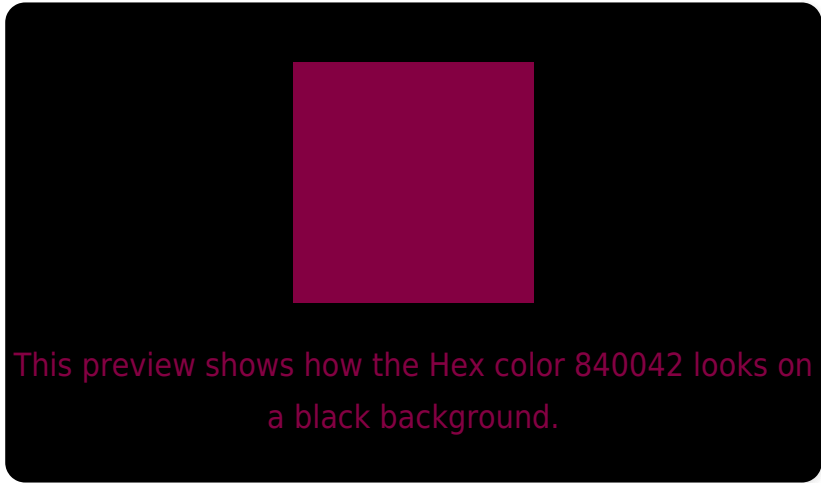
Large Text (above 18pt) WCAG AA ✓ Pass

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 840042 Background



This preview shows how black text looks on a background with the Hex color 840042.



This preview shows how white text looks on a background with the Hex color 840042.

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



Original Color
840042

Protanopia
3C445F

Deuteranopia
4E423C



Tritanopia
821A1A

Trichromacy



Original Color
840042

Protanomaly
562B54

Deuteranomaly
622A3E

Tritanomaly
831129

Monochromacy



Original Color
840042

Achromatopsia
2F2F2F

Achromatomaly
4E1E36

CSS Examples

Text

The CSS property to change the color of the text to Hex 840042 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 #840042 looks like.

```
.text, #text, p{  
    color:#840042  
}
```

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 #840042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #840042
}
```

Border

The CSS property to change the border of an element to Hex 840042 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".

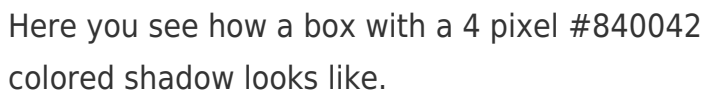
```
.border, #border, table{ border:4px solid
#840042 }
```

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

```
.border{ border-color:#840042 }
```

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

Here you see how a box with a 4 pixel #840042 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #840042; -webkit-box-shadow:4px 4px  
4px 4px #840042; box-shadow:4px 4px 4px  
4px #840042 }
```

Background

The CSS property to change the background color of an element to Hex 840042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#840042 }
```

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

```
.background{ background-color:#840042 }
```

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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