

Converting Colors

Hex(840D84)

Have a look what the booklet for
Hex(840D84) contains.

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Color

Hex(840D84)

Conversions

Conversions Part 1

Format	Color
Hex	840D84
RGB	132, 13, 132
RGB Percent	52%, 5%, 52%
CMY	0.4824, 0.9490, 0.4824
CMYK	0.00, 0.90, 0.00, 0.48
HSL	300°, 82%, 28%
HSV	300°, 90%, 52%
XYZ	13.8245, 6.8593, 22.4251
YIQ	62.1470, 32.7250, 62.2370

Conversions

Conversions Part 2

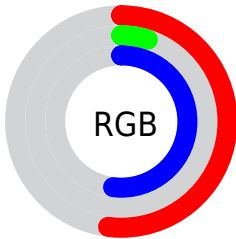
Format	Color
R_{YB}	132, 13, 132
Decimal	8654212
CIE _{Lab}	31.48, 58.28, -36.24
CIE _{LCh}	31, 68.625, 328.123
Yxy	6.8593, 0.3207, 0.1591
Android (android.graphics.Color)	4286844292 (0xFF840D84)
YUV	62.1470, 34.4375, 61.2611
Hunter-Lab	26.1903, 48.3878, -32.4331

Details

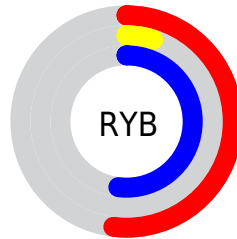
The Hex color **840D84** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **0D840D**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **BC4EBA**, and **4E0052** is the 20% darker color. If you saturate the color by 10%, you get **840084**, and if you desaturate by 10%, it is **841A84**.

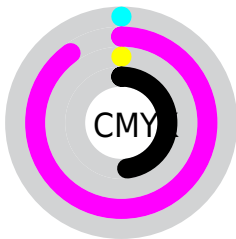
Distribution



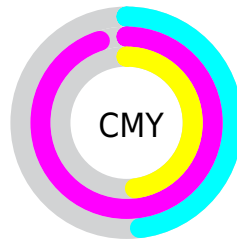
- Red (52%)
- Green (5%)
- Blue (52%)



- Red (52%)
- Yellow (5%)
- Blue (52%)



- Cyan (0%)
- Magenta (90%)
- Yellow (0%)
- Black (48%)



- Cyan (48%)
- Magenta (95%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 840D84 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 840D84 by changing the saturation by 10% instead.

 840D84

 840D84

FFFFFF

 69006A

 BC4EBA

 4E0052

 D969D6

 36003A

 F785F2

 180024

 FFA1FF

 00000B

 FFBDFE

 000000

 FFDAFF

 FFF7FF

 840D84

 840D84

■ 840084

■ 841A84

■ 842784

■ 843584

■ 844284

■ 844F84

■ 845C84

■ 846984

■ 847784

■ 848484

Harmonies

Analogous

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



2D3DAB



840D84



A10050

Triad

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



840D84



5E4700



005F7C

Complementary

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



840D84



0D840D

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.



005E45



840D84



275500

Square

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



840D84



862C00



005C03



005DA7

Rectangle

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



840D84



A3002D



005C03



005F6A

Sweetspot

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



840D84



AB7DAB



0D0D84



573B57



D6D6D6



575757

Same Dimension

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



840D84



AB00AB



840D49



423C42



820082



030003

Inverse Universe

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



840D84



AB00AB



0D8449



423C42



820082



030003

Previews

White Background



This preview shows how the Hex color 840D84 looks on a white background.

Color Contrast Check

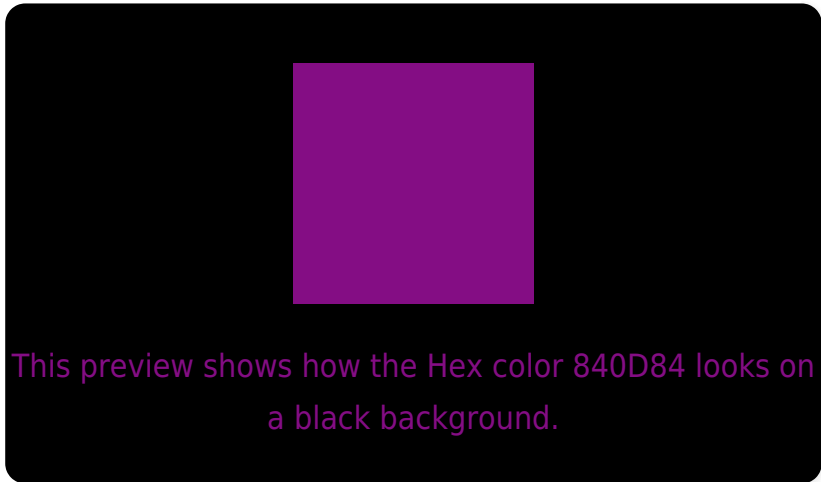
Large Text (above 18pt) WCAG AA ✓ Pass

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

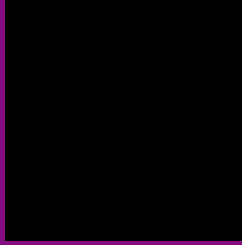
Any Text WCAG AA × Fail

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 840D84 Background



This preview shows how black text looks on a background with the Hex color 840D84.

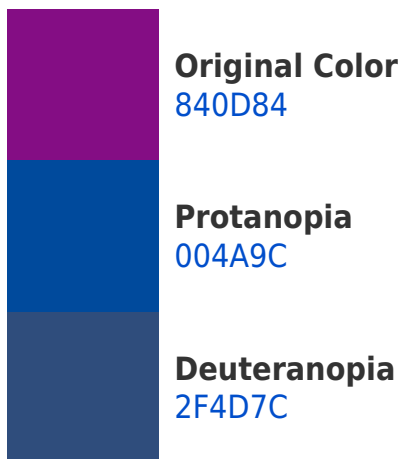



This preview shows how white text looks on a background with the Hex color 840D84.

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
7C3538

Trichromacy



Original Color
840D84



Protanomaly
303493



Deuteranomaly
4E367F



Tritanomaly
7F2654

Monochromacy



Original Color
840D84



Achromatopsia
3E3E3E



Achromatomaly
572C57

CSS Examples

Text

The CSS property to change the color of the text to Hex 840D84 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 #840D84 looks like.

```
.text, #text, p{  
    color:#840D84  
}
```

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 #840D84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #840D84
}
```

Border

The CSS property to change the border of an element to Hex 840D84 is called "border". The border property can be set on classes, ids or directly on the HTML element.

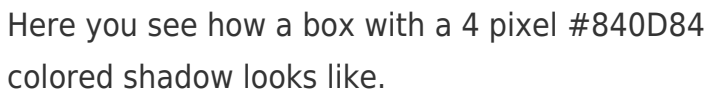
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#840D84 }
```

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

```
.border{ border-color:#840D84 }
```

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



Here you see how a box with a 4 pixel #840D84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #840D84; -webkit-box-shadow:4px 4px  
4px 4px #840D84; box-shadow:4px 4px 4px  
4px #840D84 }
```

Background

The CSS property to change the background color of an element to Hex 840D84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#840D84 }
```

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

```
.background{ background-color:#840D84 }
```

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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