

Converting Colors

Hex(842796)

Have a look what the booklet for
Hex(842796) contains.

Hex(842796)	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(842796)

Conversions

Conversions Part 1

Format	Color
Hex	842796
RGB	132, 39, 150
RGB Percent	52%, 15%, 59%
CMY	0.4824, 0.8471, 0.4118
CMYK	0.12, 0.74, 0.00, 0.41
HSL	290°, 59%, 37%
HSV	290°, 74%, 59%
XYZ	15.7463, 8.5586, 29.6762
YIQ	79.4610, 19.7970, 54.2370

Conversions

Conversions Part 2

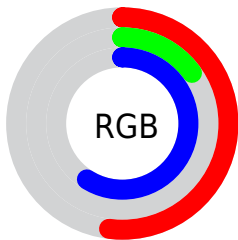
Format	Color
R_{YB}	132, 39, 150
Decimal	8660886
CIE _{Lab}	35.12, 54.26, -41.53
CIE _{LCh}	35, 68.335, 322.570
Yxy	8.5586, 0.2917, 0.1585
Android (android.graphics.Color)	4286850966 (0xFF842796)
YUV	79.4610, 34.7757, 46.0767
Hunter-Lab	29.2551, 44.8796, -39.6650

Details

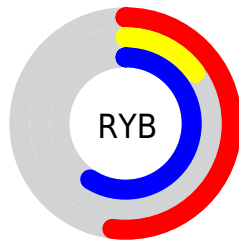
The Hex color **842796** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **399627**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **BC5ECD**, and **4E0062** is the 20% darker color. If you saturate the color by 10%, you get **821896**, and if you desaturate by 10%, it is **863696**.

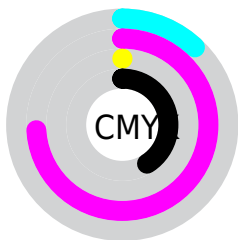
Distribution



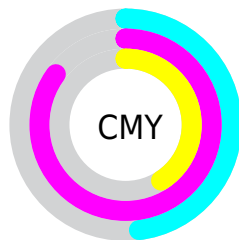
- Red (52%)
- Green (15%)
- Blue (59%)



- Red (52%)
- Yellow (15%)
- Blue (59%)



- Cyan (12%)
- Magenta (74%)
- Yellow (0%)
- Black (41%)



- Cyan (48%)
- Magenta (85%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 842796 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 842796 by changing the saturation by 10% instead.

 842796

 842796

FFFFFF

 69017C

 BC5ECD

 4E0062

 D979E9

 34004A

 F694FF

 1B0033

 FFB0FF

 00021C

 FFC0FF

 000000

 FFE9FF

 842796

 842796

 821896

 863696

■ 7F0996

■ 894596

■ 7E0096

■ 8B5496

■ 8E6396

■ 907296

■ 938196

■ 959096

■ 979F96

■ 9AAE96

Harmonies

Analogous

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



0A4BB9



842796



A90063

Triad

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



842796



714C00



00697B

Complementary

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



842796



399627

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.



006843



842796



3E5C00

Square

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



842796



972F00



006400



0067AA

Rectangle

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



842796



AE003F



006400



006969

Sweetspot

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



842796



BB97C2



273A96



5D4861



E0E0E0



616161

Same Dimension

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



842796



A615C2



962771



49434A



73008A



09000A

Inverse Universe

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



962739



C21531



27964C



4A4344



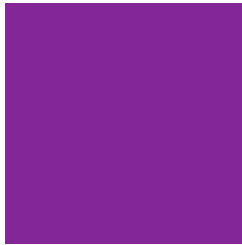
8A0016



0A0002

Previews

White Background



This preview shows how the Hex color 842796 looks on a white background.

Color Contrast Check

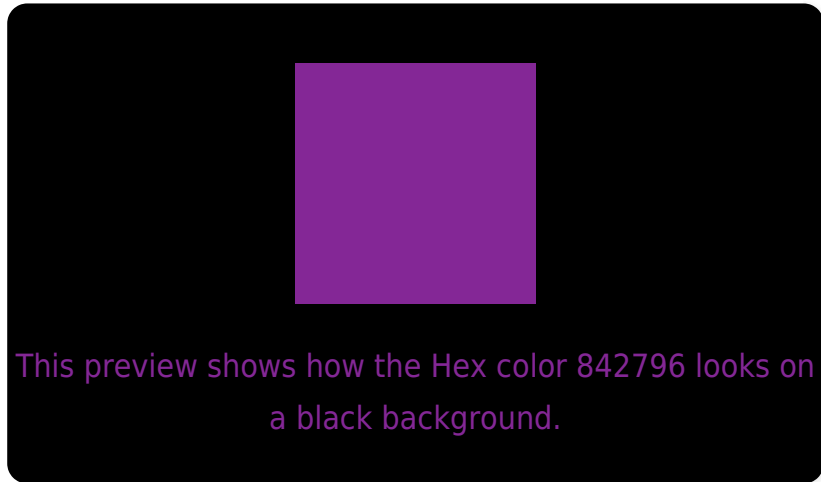
Large Text (above 18pt) WCAG AA ✓ Pass

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

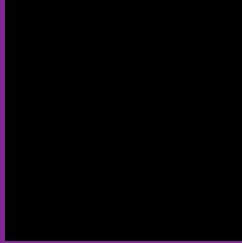
Any Text WCAG AA × Fail

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 842796 Background



This preview shows how black text looks on a background with the Hex color 842796.

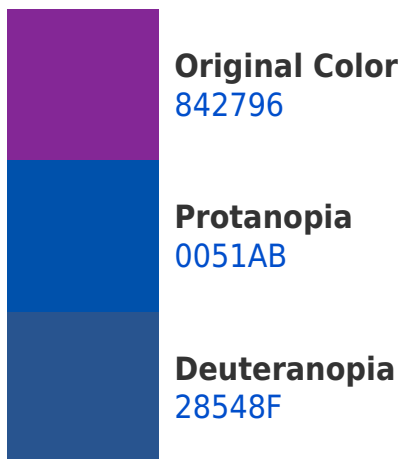



This preview shows how white text looks on a background with the Hex color 842796.

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
7A4348

Trichromacy



Original Color
842796



Protanomaly
3042A3



Deuteranomaly
494492



Tritanomaly
7E3964

Monochromacy



Original Color
842796



Achromatopsia
4F4F4F



Achromatomaly
624069

CSS Examples

Text

The CSS property to change the color of the text to Hex 842796 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 #842796 looks like.

```
.text, #text, p{  
    color:#842796  
}
```

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 #842796 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #842796
}
```

Border

The CSS property to change the border of an element to Hex 842796 is called "border". The border property can be set on classes, ids or directly on the HTML element.

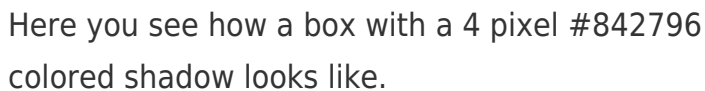
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#842796 }
```

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

```
.border{ border-color:#842796 }
```

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



Here you see how a box with a 4 pixel #842796 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #842796; -webkit-box-shadow:4px 4px  
4px 4px #842796; box-shadow:4px 4px 4px  
4px #842796 }
```

Background

The CSS property to change the background color of an element to Hex 842796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#842796 }
```

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

```
.background{ background-color:#842796 }
```

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