

Converting Colors

Hex(842D99)

Have a look what the booklet for
Hex(842D99) contains.

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Color

Hex(842D99)

Conversions

Conversions Part 1

Format	Color
Hex	842D99
RGB	132, 45, 153
RGB Percent	52%, 18%, 60%
CMY	0.4824, 0.8235, 0.4000
CMYK	0.14, 0.71, 0.00, 0.40
HSL	288°, 55%, 39%
HSV	288°, 71%, 60%
XYZ	16.2039, 9.0822, 31.0360
YIQ	83.3250, 17.1840, 52.0320

Conversions

Conversions Part 2

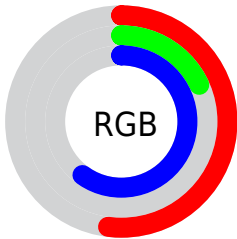
Format	Color
RYB	132, 45, 153
Decimal	8662425
CIELab	36.14, 52.49, -41.72
CIElCh	36, 67.056, 321.522
Yxy	9.0822, 0.2877, 0.1613
Android (android.graphics.Color)	4286852505 (0xFF842D99)
YUV	83.3250, 34.3498, 42.6880
Hunter-Lab	30.1367, 43.2364, -39.9635

Details

The Hex color **842D99** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **42992D**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **BC62D0**, and **4E0065** is the 20% darker color. If you saturate the color by 10%, you get **811E99**, and if you desaturate by 10%, it is **873C99**.

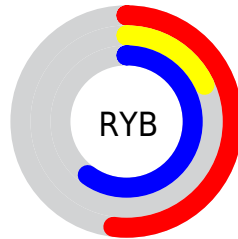
Distribution



Red (52%)

Green (18%)

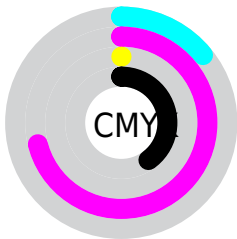
Blue (60%)



Red (52%)

Yellow (18%)

Blue (60%)

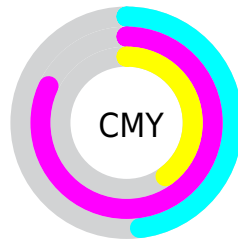


Cyan (14%)

Magenta (71%)

Yellow (0%)

Black (40%)



Cyan (48%)

Magenta (82%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 842D99 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 842D99 by changing the saturation by 10% instead.



842D99



842D99

FFFFFF



690C7F



BC62D0



4E0065



D97DEC



34004D



F698FF



1C0035



FFB4FF



00021F



FFD1FF



000001



FFEDFF



000000



842D99



842D99



811E99



873C99

7E0E99

8A4C99

7B0099

8D5B99

906A99

937A99

968999

999899

9CA799

9FB799

Harmonies

Analogous

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



094EBB



842D99



AA0067

Triad

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



842D99



754E00



006B7B

Complementary

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



842D99



42992D

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.



006A43



842D99



445E00

Square

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



842D99



9A3100



006600



0069AA

Rectangle

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



842D99



B00043



006600



006B69

Sweetspot

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



842D99



BF9DC7



2D4399



5F4B63



E3E3E3



636363

Same Dimension

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



842D99



A61EC7



992D79



4B454D



71008C



0A000D

Inverse Universe

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



992D42



C71E3F



2D994D



4D4546



8C001B



0D0002

Previews

White Background



This preview shows how the Hex color 842D99 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

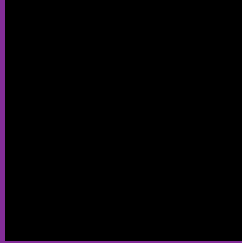
Any Text WCAG AA × Fail

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 842D99 Background



This preview shows how black text looks on a background with the Hex color 842D99.




This preview shows how white text looks on a background with the Hex color 842D99.

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
7A474C

Trichromacy



Original Color
842D99



Protanomaly
3045A8



Deuteranomaly
4B4895



Tritanomaly
7E3E68

Monochromacy



Original Color
842D99



Achromatopsia
535353



Achromatomaly
65456C

CSS Examples

Text

The CSS property to change the color of the text to Hex 842D99 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 #842D99 looks like.

```
.text, #text, p{  
    color:#842D99  
}
```

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 #842D99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #842D99
}
```

Border

The CSS property to change the border of an element to Hex 842D99 is called "border". The border property can be set on classes, ids or directly on the HTML element.

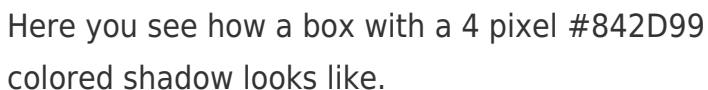
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#842D99 }
```

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

```
.border{ border-color:#842D99 }
```

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



Here you see how a box with a 4 pixel #842D99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #842D99; -webkit-box-shadow:4px 4px  
4px 4px #842D99; box-shadow:4px 4px 4px  
4px #842D99 }
```

Background

The CSS property to change the background color of an element to Hex 842D99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#842D99 }
```

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

```
.background{ background-color:#842D99 }
```

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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