

Converting Colors

Hex(844F9F)

Have a look what the booklet for
Hex(844F9F) contains.

Hex(844F9F)	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(844F9F)

Conversions

Conversions Part 1

Format	Color
Hex	844F9F
RGB	132, 79, 159
RGB Percent	52%, 31%, 62%
CMY	0.4824, 0.6902, 0.3765
CMYK	0.17, 0.50, 0.00, 0.38
HSL	280°, 34%, 47%
HSV	280°, 50%, 62%
XYZ	18.5697, 13.0007, 34.3315
YIQ	103.9670, 5.9080, 36.1160

Conversions

Conversions Part 2

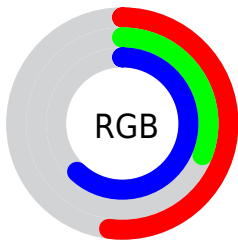
Format	Color
R_{YB}	132, 79, 159
Decimal	8671135
CIE _{Lab}	42.76, 36.84, -34.81
CIE _{LCh}	43, 50.680, 316.621
Yxy	13.0007, 0.2818, 0.1973
Android (android.graphics.Color)	4286861215 (0xFF844F9F)
YUV	103.9670, 27.1313, 24.5849
Hunter-Lab	36.0565, 28.8317, -31.2140

Details

The Hex color **844F9F** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **6A9F4F**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **BB82D6**, and **501F6B** is the 20% darker color. If you saturate the color by 10%, you get **7F3F9F**, and if you desaturate by 10%, it is **895F9F**.

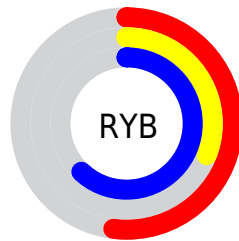
Distribution



Red (52%)

Green (31%)

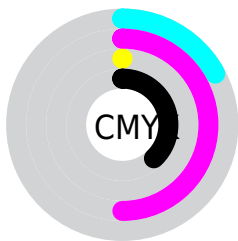
Blue (62%)



Red (52%)

Yellow (31%)

Blue (62%)

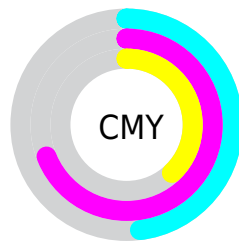


Cyan (17%)

Magenta (50%)

Yellow (0%)

Black (38%)



Cyan (48%)

Magenta (69%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 844F9F 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 844F9F by changing the saturation by 10% instead.

844F9F

844F9F

FFFFFF

6A3785

BB82D6

501F6B

D79CF3

370452

F4B8FF

21003B

FFD4FF

000024

FFF0FF

00000C

000000

844F9F

844F9F

7F3F9F

895F9F

792F9F

8F6F9F

741F9F

947F9F

6F0F9F

998F9F

69009F

9F9F9F

A4AE9F

AABE9F

AFCE9F

B4DE9F

Harmonies

Analogous

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



3C62B6



844F9F



A73E7A

Triad

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



844F9F



895C05



00787C

Complementary

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



844F9F



6A9F4F

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.



007750



844F9F



636A01

Square

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



844F9F



A44A29



307327



0076A1

Rectangle

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



844F9F



AF3A5D



307327



00786D

Sweetspot

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



844F9F



C4B0CF



4F6B9F



625669



E8E8E8



696969

Same Dimension

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



844F9F



A553CF



9F4F93



4C474F



5F008F



0A000F

Inverse Universe

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



9F4F6A



CF537C



4F9F5B



4F474A



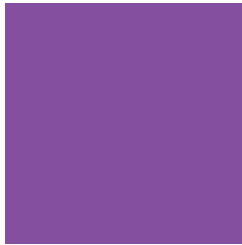
8F0030



0F0005

Previews

White Background



This preview shows how the Hex color 844F9F looks on a white background.

Color Contrast Check

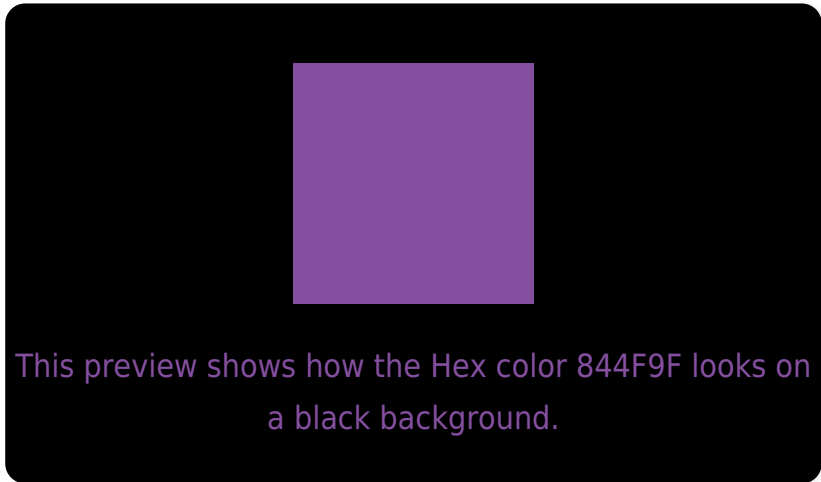
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

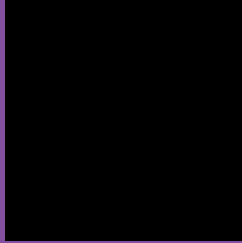
Any Text WCAG AA × Fail

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 844F9F Background



This preview shows how black text looks on a background with the Hex color 844F9F.

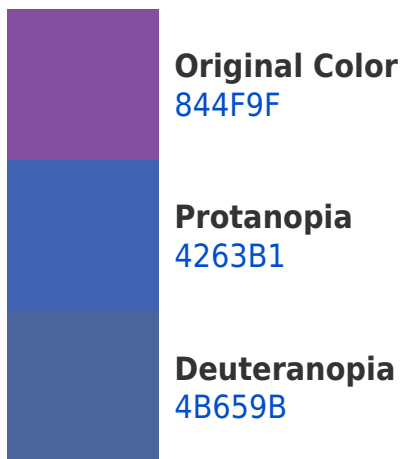



This preview shows how white text looks on a background with the Hex color 844F9F.

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
7B5D64

Trichromacy



Original Color
844F9F

Protanomaly
5A5CAA

Deuteranomaly
605D9C

Tritanomaly
7E5879

Monochromacy



Original Color
844F9F

Achromatopsia
686868

Achromatomaly
725F7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 844F9F 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 #844F9F looks like.

```
.text, #text, p{  
    color:#844F9F  
}
```

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 #844F9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #844F9F
}
```

Border

The CSS property to change the border of an element to Hex 844F9F is called "border". The border property can be set on classes, ids or directly on the HTML element.

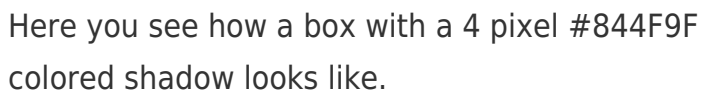
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#844F9F }
```

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

```
.border{ border-color:#844F9F }
```

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



Here you see how a box with a 4 pixel #844F9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #844F9F; -webkit-box-shadow:4px 4px  
4px 4px #844F9F; box-shadow:4px 4px 4px  
4px #844F9F }
```

Background

The CSS property to change the background color of an element to Hex 844F9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#844F9F }
```

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

```
.background{ background-color:#844F9F }
```

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