

# Converting Colors

Hex(844F84)

Have a look what the booklet for  
Hex(844F84) contains.

<b>Hex(844F84)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(844F84)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	844F84
RGB	132, 79, 132
RGB Percent	52%, 31%, 52%
CMY	0.4824, 0.6902, 0.4824
CMYK	0.00, 0.40, 0.00, 0.48
HSL	300°, 25%, 41%
HSV	300°, 40%, 52%
XYZ	16.4766, 12.1634, 23.3092
YIQ	100.8890, 14.5750, 27.7190

# Conversions

## Conversions Part 2

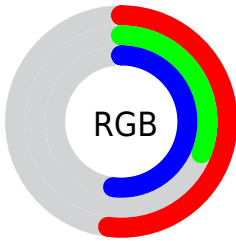
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 79, 132
Decimal	8671108
CIE <sub>Lab</sub>	41.47, 31.06, -20.55
CIE <sub>LCh</sub>	41, 37.238, 326.509
Yxy	12.1634, 0.3172, 0.2341
Android (android.graphics.Color)	4286861188 (0xFF844F84)
YUV	100.8890, 15.3377, 27.2843
Hunter-Lab	34.8761, 23.2957, -15.2127

# Details

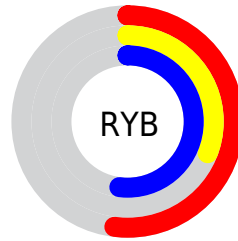
The Hex color **844F84** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4F844F**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **BA81B9**, and **512052** is the 20% darker color. If you saturate the color by 10%, you get **844284**, and if you desaturate by 10%, it is **845C84**.

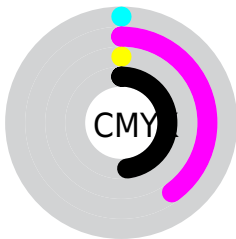
# Distribution



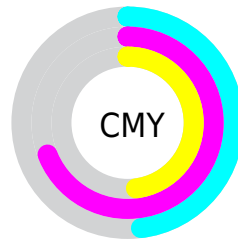
- Red (52%)
- Green (31%)
- Blue (52%)



- Red (52%)
- Yellow (31%)
- Blue (52%)



- Cyan (0%)
- Magenta (40%)
- Yellow (0%)
- Black (48%)



- Cyan (48%)
- Magenta (69%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 844F84 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 844F84 by changing the saturation by 10% instead.



844F84

844F84

FFFFFF

6A376B

BA81B9

512052

D69CD5

39073B

F3B7F1

250025

FFD3FF

00010E

FFF0FF

000000

844F84

844F84

844284

845C84

843584

846984

 842784

 847784

 841A84

 848484

 840D84

 849184

 840084

 849E84

 84AB84

 84B984

 84C684

# Harmonies

## Analogous

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



5D5B99



844F84



984767

# Triad

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



844F84



765F22



00717C

# Complementary

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



844F84



4F844F

# 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.



00715D



844F84



586828

# Square

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



844F84



8D542F



316E3F



006D94

# Rectangle

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



844F84



9B4852



316E3F



007172



# Sweetspot

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



844F84



AB96AB



4F4F84



574B57



D6D6D6



575757



# Same Dimension

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



844F84



AB59AB



844F6A



423C42



820082



030003



# Inverse Universe

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



844F84



AB59AB



4F846A



423C42



820082

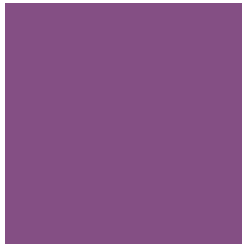


030003



# Previews

## White Background



This preview shows how the Hex color 844F84 looks on a white background.

## Color Contrast Check

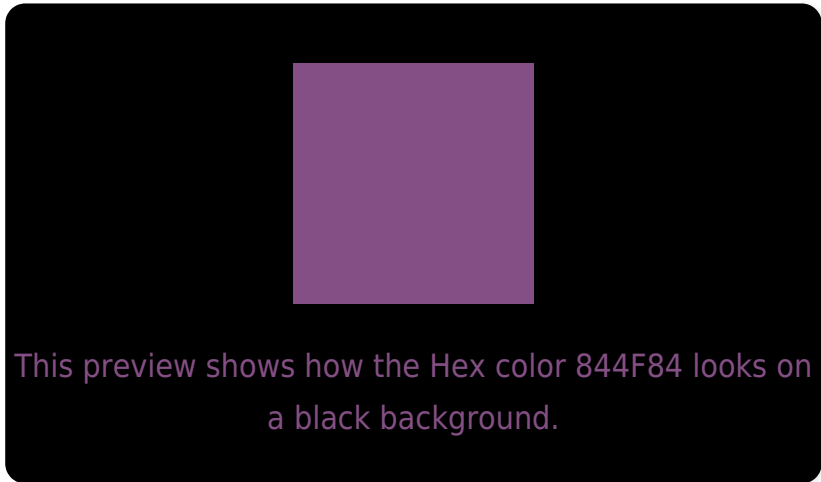
Large Text (above 18pt) WCAG AA ✓ Pass

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

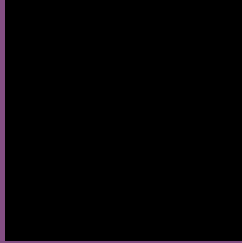
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 844F84 Background



This preview shows how black text looks on a background with the Hex color 844F84.



This preview shows how white text looks on a background with the Hex color 844F84.

# 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**  
844F84

**Protanopia**  
526192

**Deuteranopia**  
5B6181



**Tritanopia**  
7F575E

# Trichromacy



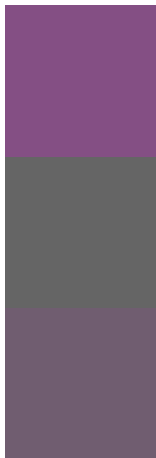
**Original Color**  
844F84

**Protanomaly**  
645A8D

**Deuteranomaly**  
6A5A82

**Tritanomaly**  
81546C

# Monochromacy



**Original Color**  
844F84

**Achromatopsia**  
656565

**Achromatomaly**  
705D70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 844F84 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 #844F84 looks like.

```
.text, #text, p{  
    color:#844F84  
}
```

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 #844F84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #844F84
}
```

## Border

The CSS property to change the border of an element to Hex 844F84 is called "border". The border property can be set on classes, ids or directly on the HTML element.

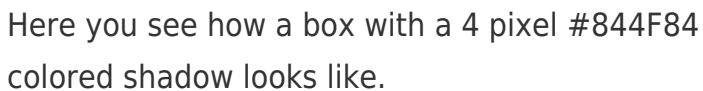
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#844F84 }
```

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

```
.border{ border-color:#844F84 }
```

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



Here you see how a box with a 4 pixel #844F84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #844F84; -webkit-box-shadow:4px 4px  
4px 4px #844F84; box-shadow:4px 4px 4px  
4px #844F84 }
```

# Background

The CSS property to change the background color of an element to Hex 844F84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#844F84 }
```

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

```
.background{ background-color:#844F84 }
```

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