

Converting Colors

Hex(845C84)

Have a look what the booklet for
Hex(845C84) contains.

Hex(845C84)	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(845C84)

Conversions

Conversions Part 1

Format	Color
Hex	845C84
RGB	132, 92, 132
RGB Percent	52%, 36%, 52%
CMY	0.4824, 0.6392, 0.4824
CMYK	0.00, 0.30, 0.00, 0.48
HSL	300°, 18%, 44%
HSV	300°, 30%, 52%
XYZ	17.5077, 14.2258, 23.6529
YIQ	108.5200, 11.0000, 20.9200

Conversions

Conversions Part 2

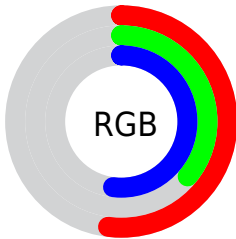
Format	Color
R_{YB}	132, 92, 132
Decimal	8674436
CIE _{Lab}	44.55, 23.48, -15.82
CIE _{LCh}	45, 28.311, 326.022
Yxy	14.2258, 0.3161, 0.2568
Android (android.graphics.Color)	4286864516 (0xFF845C84)
YUV	108.5200, 11.5756, 20.5920
Hunter-Lab	37.7171, 16.8523, -10.7796

Details

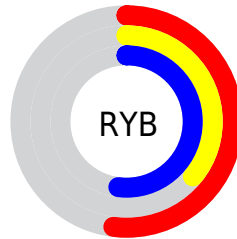
The Hex color **845C84** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5C845C**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **BA8FB9**, and **522D52** is the 20% darker color. If you saturate the color by 10%, you get **844F84**, and if you desaturate by 10%, it is **846984**.

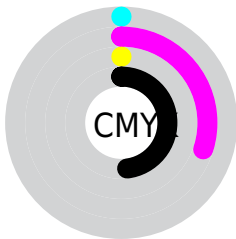
Distribution



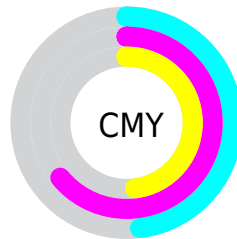
- Red (52%)
- Green (36%)
- Blue (52%)



- Red (52%)
- Yellow (36%)
- Blue (52%)



- Cyan (0%)
- Magenta (30%)
- Yellow (0%)
- Black (48%)



- Cyan (48%)
- Magenta (64%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 845C84 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 845C84 by changing the saturation by 10% instead.

 845C84

 845C84

FFFFFF

 6A446B

 BA8FB9

 522D52

 D6A9D5

 3A173B

 F2C5F1

 240026

 FFE1FF

 00010F

FFFEFF

 000000

 845C84

 845C84

 844F84

 846984

 844284

 847684

 843484

 848484

 842784

 849184

 841A84

 849E84

 840D84

 84AB84

 840084

 84B884

 84C684

 84D384

Harmonies

Analogous

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



676494



845C84



94576D

Triad

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



845C84



7B673A



00767D

Complementary

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



845C84



5C845C

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.



267665



845C84



646E3E

Square

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



845C84



8D5F43



48734E



097390

Rectangle

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



845C84



97575E



48734E



017676

Sweetspot

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



845C84



AB9BAB



5C5C84



574D57



D6D6D6



575757

Same Dimension

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



845C84



AB6DAB



845C70



423C42



820082



030003

Inverse Universe

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



845C84



AB6DAB



5C8470



423C42



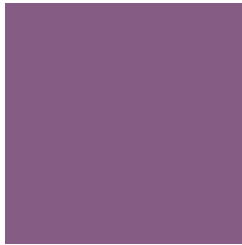
820082



030003

Previews

White Background



This preview shows how the Hex color 845C84 looks on a white background.

Color Contrast Check

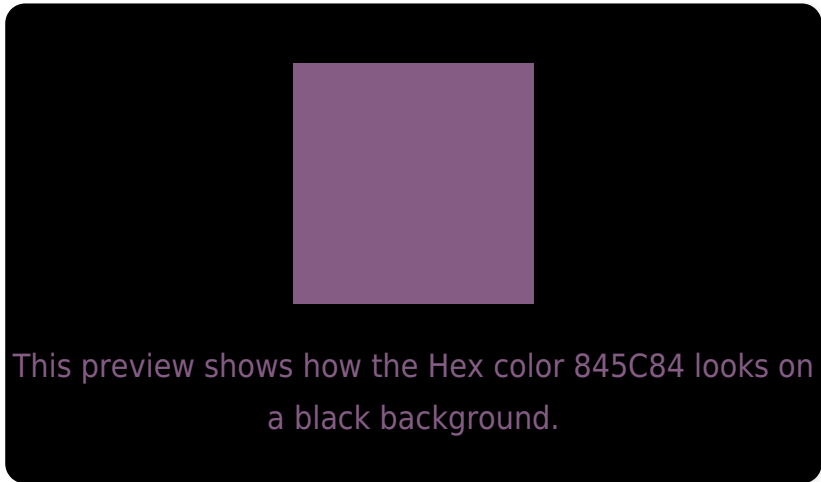
Large Text (above 18pt) WCAG AA ✓ Pass

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

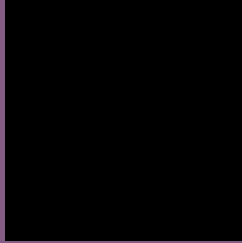
Any Text WCAG AA × Fail

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 845C84 Background



This preview shows how black text looks on a background with the Hex color 845C84.



This preview shows how white text looks on a background with the Hex color 845C84.

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
845C84

Protanopia
5F688D

Deuteranopia
686782



Tritanopia
806169

Trichromacy



Original Color
845C84

Protanomaly
6C648A

Deuteranomaly
726383

Tritanomaly
815F73

Monochromacy



Original Color
845C84

Achromatopsia
6D6D6D

Achromatomaly
756775

CSS Examples

Text

The CSS property to change the color of the text to Hex 845C84 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 #845C84 looks like.

```
.text, #text, p{  
    color:#845C84  
}
```

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 #845C84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #845C84
}
```

Border

The CSS property to change the border of an element to Hex 845C84 is called "border". The border property can be set on classes, ids or directly on the HTML element.

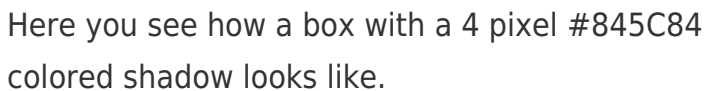
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#845C84 }
```

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

```
.border{ border-color:#845C84 }
```

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



Here you see how a box with a 4 pixel #845C84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #845C84; -webkit-box-shadow:4px 4px  
4px 4px #845C84; box-shadow:4px 4px 4px  
4px #845C84 }
```

Background

The CSS property to change the background color of an element to Hex 845C84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#845C84 }
```

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

```
.background{ background-color:#845C84 }
```

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