

# Converting Colors

Hex(845F86)

Have a look what the booklet for  
Hex(845F86) contains.

<b>Hex(845F86)</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(845F86)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	845F86
RGB	132, 95, 134
RGB Percent	52%, 37%, 53%
CMY	0.4824, 0.6275, 0.4745
CMYK	0.01, 0.29, 0.00, 0.47
HSL	297°, 17%, 45%
HSV	297°, 29%, 53%
XYZ	17.9110, 14.8112, 24.4691
YIQ	110.5090, 9.5330, 19.9730

# Conversions

## Conversions Part 2

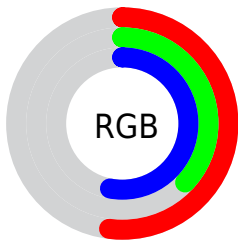
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">132, 95, 134</a>
Decimal	<a href="#">8675206</a>
CIELab	<a href="#">45.37, 22.11, -15.78</a>
CIElCh	<a href="#">45, 27.164, 324.493</a>
Yxy	<a href="#">14.8112, 0.3132, 0.2590</a>
Android (android.graphics.Color)	<a href="#">4286865286 (0xFF845F86)</a>
YUV	<a href="#">110.5090, 11.5811, 18.8476</a>
Hunter-Lab	<a href="#">38.4853, 15.7244, -10.7571</a>

# Details

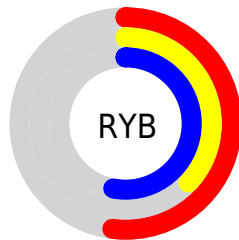
The Hex color **845F86** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **61865F**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **BA92BB**, and **523054** is the 20% darker color. If you saturate the color by 10%, you get **835286**, and if you desaturate by 10%, it is **856C86**.

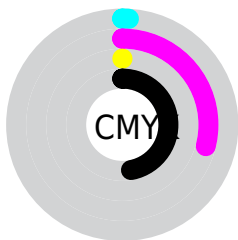
# Distribution



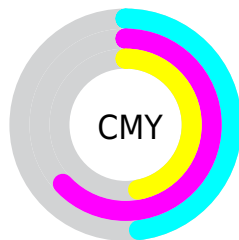
- Red (52%)
- Green (37%)
- Blue (53%)



- Red (52%)
- Yellow (37%)
- Blue (53%)



- Cyan (1%)
- Magenta (29%)
- Yellow (0%)
- Black (47%)



- Cyan (48%)
- Magenta (63%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 845F86 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 845F86 by changing the saturation by 10% instead.





845F86



845F86

FFFFFF



6A476D



BA92BB



523054



D5ADD7



3A1A3D



F2C8F3



240327



FFE4FF



000011



000000



845F86



845F86



835286



856C86



834486



857A86

823786

868786

812986

879586

811C86

87A286

800F86

88AF86

7F0186

89BD86

7F0086

89CA86

8AD886

# Harmonies

## Analogous

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



686795



845F86



945A71

# Triad

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



845F86



7E693E



0B777D

# Complementary

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



845F86



61865F

# 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.



2E7766



845F86



677041

# Square

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



845F86



8F6147



4D7550



197490

# Rectangle

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



845F86



985A61



4D7550



177876



# Sweetspot

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



845F86



AD9EAD



5F6286



564D57



D6D6D6



575757



# Same Dimension

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



845F86



AA71AD



865F75



423C42



7B0082



020003



# Inverse Universe

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



865F61



AD7174



5F8670



423C3C



820007

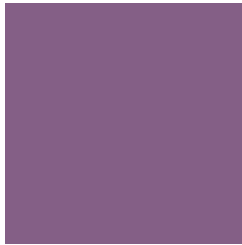


030000



# Previews

## White Background



This preview shows how the Hex color 845F86 looks on a white background.

## Color Contrast Check

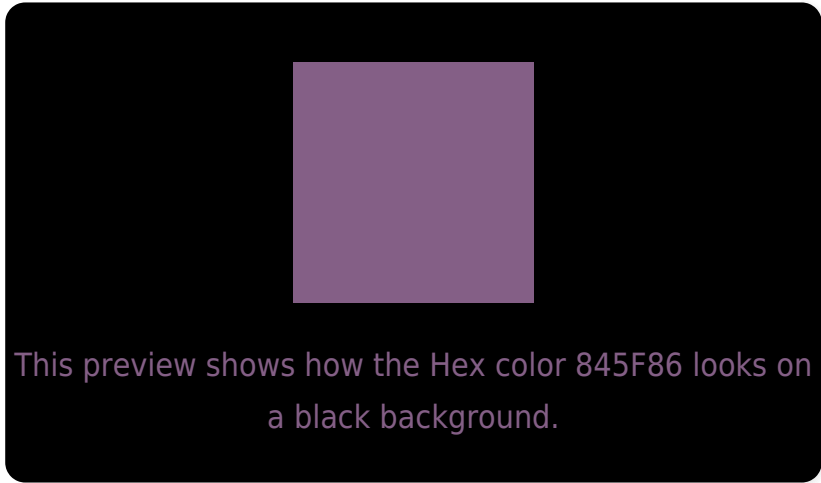
Large Text (above 18pt) WCAG AA ✓ Pass

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

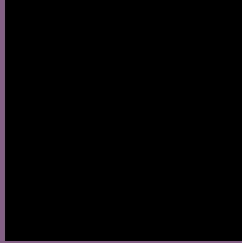
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 845F86 Background



This preview shows how black text looks on a background with the Hex color 845F86.

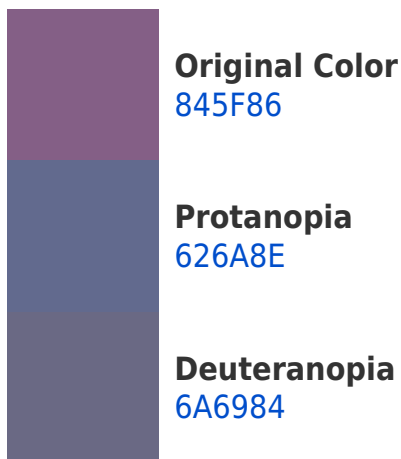



This preview shows how white text looks on a background with the Hex color 845F86.

# 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**  
80646C

# Trichromacy



**Original Color**  
845F86

**Protanomaly**  
6E668B

**Deuteranomaly**  
736585

**Tritanomaly**  
816275

# Monochromacy



**Original Color**  
845F86

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
776977

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 845F86 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 #845F86 looks like.

```
.text, #text, p{  
    color:#845F86  
}
```

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 #845F86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #845F86
}
```

## Border

The CSS property to change the border of an element to Hex 845F86 is called "border". The border property can be set on classes, ids or directly on the HTML element.

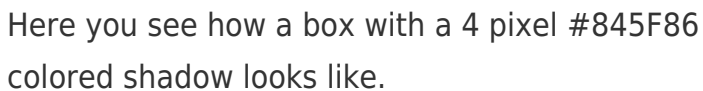
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#845F86 }
```

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

```
.border{ border-color:#845F86 }
```

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



Here you see how a box with a 4 pixel #845F86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #845F86; -webkit-box-shadow:4px 4px  
4px 4px #845F86; box-shadow:4px 4px 4px  
4px #845F86 }
```

# Background

The CSS property to change the background color of an element to Hex 845F86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#845F86 }
```

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

```
.background{ background-color:#845F86 }
```

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