

# Converting Colors

Hex(846FA3)

Have a look what the booklet for  
Hex(846FA3) contains.

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# Color

**Hex(846FA3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	846FA3
RGB	132, 111, 163
RGB Percent	52%, 44%, 64%
CMY	0.4824, 0.5647, 0.3608
CMYK	0.19, 0.32, 0.00, 0.36
HSL	264°, 22%, 54%
HSV	264°, 32%, 64%
XYZ	21.8110, 18.9188, 37.1525
YIQ	123.2070, -4.1760, 20.6240

# Conversions

## Conversions Part 2

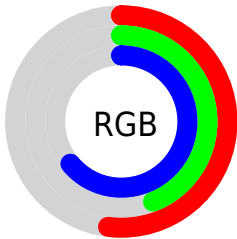
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 111, 163
Decimal	8679331
CIE <sub>Lab</sub>	50.59, 19.08, -24.94
CIE <sub>LCh</sub>	51, 31.403, 307.413
Yxy	18.9188, 0.2801, 0.2429
Android (android.graphics.Color)	4286869411 (0xFF846FA3)
YUV	123.2070, 19.6179, 7.7115
Hunter-Lab	43.4957, 13.3918, -20.1964

# Details

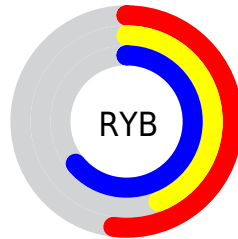
The Hex color **846FA3** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8EA36F**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **BAA3DA**, and **513F6F** is the 20% darker color. If you saturate the color by 10%, you get **7A5FA3**, and if you desaturate by 10%, it is **8E7FA3**.

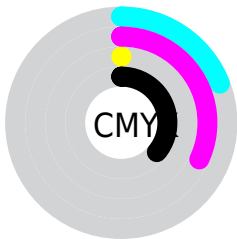
# Distribution



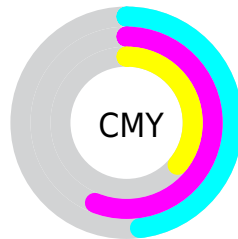
- Red (52%)
- Green (44%)
- Blue (64%)



- Red (52%)
- Yellow (44%)
- Blue (64%)



- Cyan (19%)
- Magenta (32%)
- Yellow (0%)
- Black (36%)



- Cyan (48%)
- Magenta (56%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 846FA3 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 846FA3 by changing the saturation by 10% instead.



■ 846FA3

■ 846FA3

FFFFFF

■ 6A5689

■ BAA3DA

■ 513F6F

■ D6BEF7

■ 3A2956

■ F2DAFF

■ 22143F

■ FFF6FF

■ 110029

■ 000113

■ 000000

■ 846FA3

■ 846FA3

■ 7A5FA3

■ 8E7FA3

714EA3

9790A3

673EA3

A1A0A3

5D2EA3

ABB0A3

531EA3

B5C1A3

4A0DA3

BED1A3

4200A3

C8E1A3

D2F1A3

DBFFA3

# Harmonies

## Analogous

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



5C79AD



846FA3



9F668E

# Triad

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



846FA3



9B7047



16877E

# Complementary

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



846FA3



8EA36F

# 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.



458563



846FA3



837942

# Square

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



846FA3



A96759



66804D



008598

# Rectangle

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



846FA3



A9637C



66804D



298675



# Sweetspot

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



846FA3



C7BED4



6F8EA3



635E6B



EBEBEB



6B6B6B



# Same Dimension

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



846FA3



A483D4



9E6FA3



4D4952



3B0091



070012



# Inverse Universe

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



A36F8E



D483B3



74A36F



52494E



910057

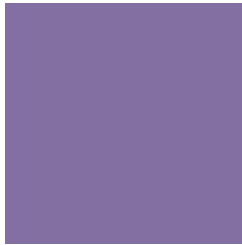


12000B



# Previews

## White Background



This preview shows how the Hex color 846FA3 looks on a white background.

## Color Contrast Check

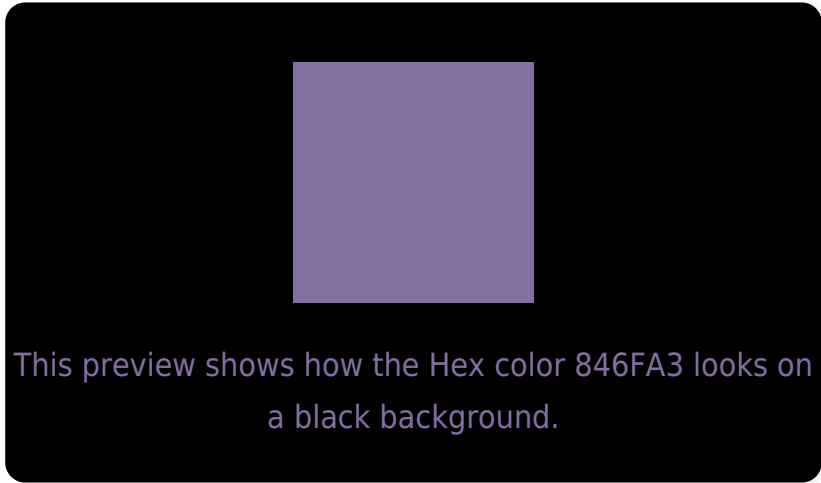
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

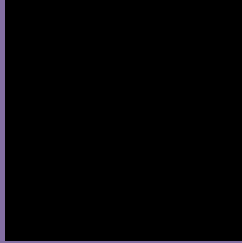
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 846FA3 Background



This preview shows how black text looks on a background with the Hex color 846FA3.

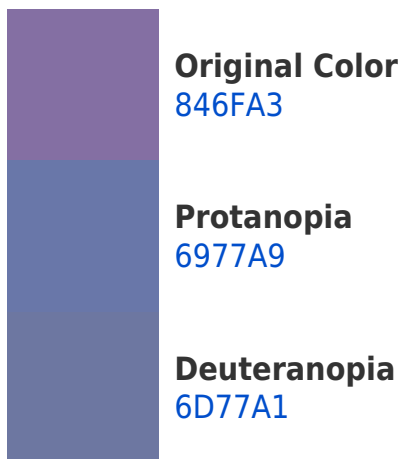



This preview shows how white text looks on a background with the Hex color 846FA3.

# 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**  
7E767F

# Trichromacy



**Original Color**  
846FA3

**Protanomaly**  
7374A7

**Deuteranomaly**  
7574A2

**Tritanomaly**  
80738C

# Monochromacy



**Original Color**  
846FA3

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
7E778A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 846FA3 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 #846FA3 looks like.

```
.text, #text, p{  
    color:#846FA3  
}
```

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 #846FA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #846FA3
}
```

## Border

The CSS property to change the border of an element to Hex 846FA3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

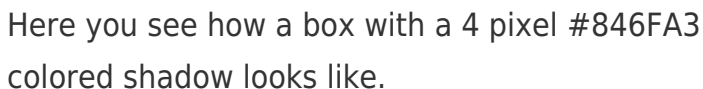
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#846FA3 }
```

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

```
.border{ border-color:#846FA3 }
```

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



Here you see how a box with a 4 pixel #846FA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #846FA3; -webkit-box-shadow:4px 4px  
4px 4px #846FA3; box-shadow:4px 4px 4px  
4px #846FA3 }
```

# Background

The CSS property to change the background color of an element to Hex 846FA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#846FA3 }
```

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

```
.background{ background-color:#846FA3 }
```

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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