

# Converting Colors

Hex(836FA2)

Have a look what the booklet for  
Hex(836FA2) contains.

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# Color

**Hex(836FA2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	836FA2
RGB	131, 111, 162
RGB Percent	51%, 44%, 64%
CMY	0.4863, 0.5647, 0.3647
CMYK	0.19, 0.31, 0.00, 0.36
HSL	264°, 22%, 54%
HSV	264°, 31%, 64%
XYZ	21.5661, 18.8028, 36.6751
YIQ	122.7940, -4.4510, 20.1010

# Conversions

## Conversions Part 2

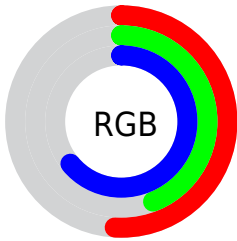
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 111, 162
Decimal	8613794
CIE <sub>Lab</sub>	50.46, 18.52, -24.58
CIE <sub>LCh</sub>	50, 30.771, 306.995
Yxy	18.8028, 0.2799, 0.2441
Android (android.graphics.Color)	4286803874 (0xFF836FA2)
YUV	122.7940, 19.3286, 7.1967
Hunter-Lab	43.3622, 12.8927, -19.7930

# Details

The Hex color **836FA2** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8EA26F**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B9A3D9**, and **513F6E** is the 20% darker color. If you saturate the color by 10%, you get **795FA2**, and if you desaturate by 10%, it is **8D7FA2**.

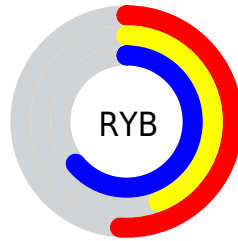
# Distribution



Red (51%)

Green (44%)

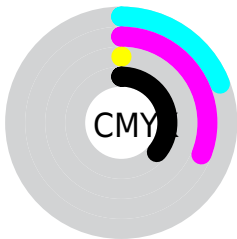
Blue (64%)



Red (51%)

Yellow (44%)

Blue (64%)

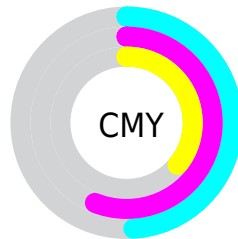


Cyan (19%)

Magenta (31%)

Yellow (0%)

Black (36%)



Cyan (49%)

Magenta (56%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 836FA2 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 836FA2 by changing the saturation by 10% instead.



836FA2

836FA2

FFFFFF

695788

B9A3D9

513F6E

D5BEF6

392956

F1DAFF

22143E

FFF6FF

100028

000112

000000

836FA2

836FA2

795FA2

8D7FA2

6F4FA2

978FA2

653EA2

A1A0A2

5C2EA2

AAB0A2

521EA2

B4C0A2

480EA2

BED0A2

4000A2

C8E0A2

D2F1A2

DCFFA2

# Harmonies

## Analogous

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



5B79AC



836FA2



9E678D

# Triad

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



836FA2



9A6F48



1C867E

# Complementary

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



836FA2



8EA26F

# 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.



468463



836FA2



837943

# Square

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



836FA2



A8675A



67804D



008597

# Rectangle

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



836FA2



A8647C



67804D



2C8674



# Sweetspot

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



836FA2



C8C1D4



6F8EA2



645F6B



EBEBEB



6B6B6B



# Same Dimension

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



836FA2



A383D4



9C6FA2



4D4952



390091



070012



# Inverse Universe

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



A26F8E



D483B4



75A26F



52494E



910058

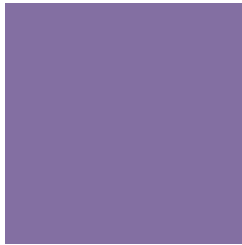


12000B



# Previews

## White Background



This preview shows how the Hex color 836FA2 looks on a white background.

## Color Contrast Check

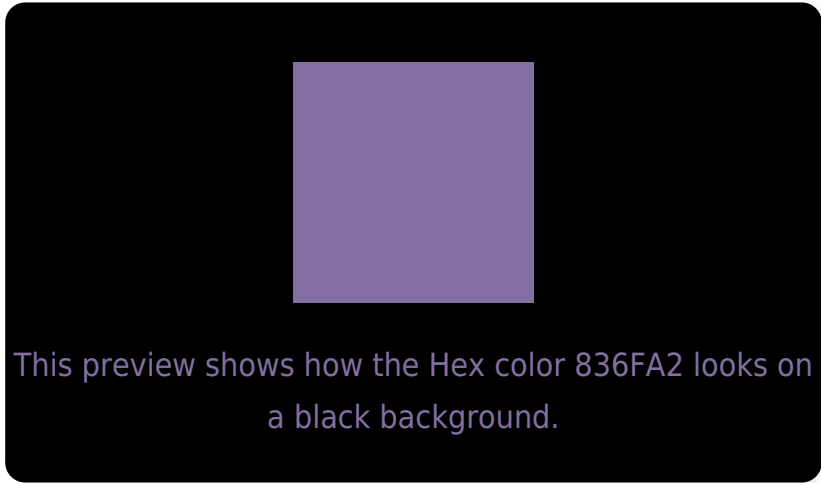
Large Text (above 18pt) WCAG AA ✓ Pass

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

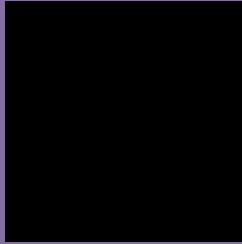
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 836FA2 Background



This preview shows how black text looks on a background with the Hex color 836FA2.

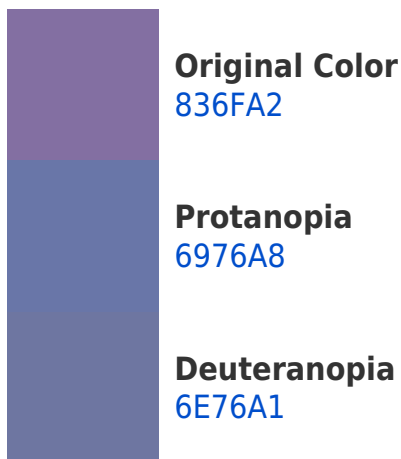


This preview shows how white text looks on a background with the Hex color 836FA2.

# 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**  
7D767F

# Trichromacy



**Original Color**  
836FA2

**Protanomaly**  
7273A6

**Deuteranomaly**  
7673A1

**Tritanomaly**  
7F738C

# Monochromacy



**Original Color**  
836FA2

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
7E7789

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 836FA2 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 #836FA2 looks like.

```
.text, #text, p{  
    color:#836FA2  
}
```

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 #836FA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836FA2
}
```

## Border

The CSS property to change the border of an element to Hex 836FA2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

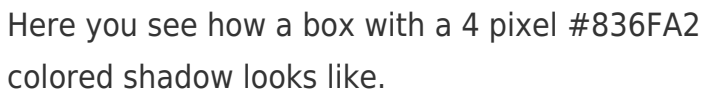
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#836FA2 }
```

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

```
.border{ border-color:#836FA2 }
```

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



Here you see how a box with a 4 pixel #836FA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836FA2; -webkit-box-shadow:4px 4px  
4px 4px #836FA2; box-shadow:4px 4px 4px  
4px #836FA2 }
```

# Background

The CSS property to change the background color of an element to Hex 836FA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836FA2 }
```

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

```
.background{ background-color:#836FA2 }
```

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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