

Converting Colors

Hex(836EC2)

Have a look what the booklet for
Hex(836EC2) contains.

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Color

Hex(836EC2)

Conversions

Conversions Part 1

Format	Color
Hex	836EC2
RGB	131, 110, 194
RGB Percent	51%, 43%, 76%
CMY	0.4863, 0.5686, 0.2392
CMYK	0.32, 0.43, 0.00, 0.24
HSL	255°, 41%, 60%
HSV	255°, 43%, 76%
XYZ	24.6736, 19.8722, 53.5742
YIQ	125.8550, -14.4480, 30.5760

Conversions

Conversions Part 2

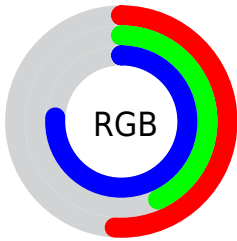
Format	Color
R_{YB}	131, 110, 194
Decimal	8613570
CIE _{Lab}	51.69, 27.18, -41.18
CIE _{LCh}	52, 49.343, 303.426
Yxy	19.8722, 0.2515, 0.2025
Android (android.graphics.Color)	4286803650 (0xFF836EC2)
YUV	125.8550, 33.5955, 4.5122
Hunter-Lab	44.5782, 20.7860, -40.0501

Details

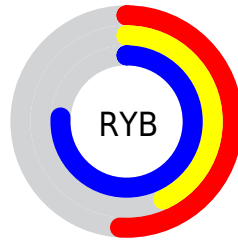
The Hex color **836EC2** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **ADC26E**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **BAA2FB**, and **4E3E8C** is the 20% darker color. If you saturate the color by 10%, you get **745BC2**, and if you desaturate by 10%, it is **9281C2**.

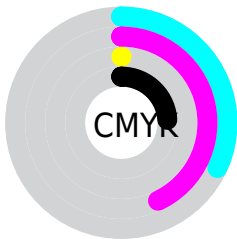
Distribution



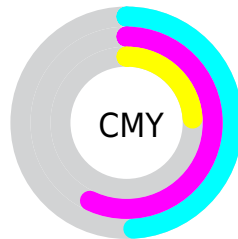
- Red (51%)
- Green (43%)
- Blue (76%)



- Red (51%)
- Yellow (43%)
- Blue (76%)



- Cyan (32%)
- Magenta (43%)
- Yellow (0%)
- Black (24%)



- Cyan (49%)
- Magenta (57%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 836EC2 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 836EC2 by changing the saturation by 10% instead.

■ 836EC2

■ 836EC2

FFFFFF

■ 6855A7

■ BAA2FB

■ 4E3E8C

■ D7BDFF

■ 342872

■ F4D9FF

■ 181359

■ FFF5FF

■ 000041

■ 00032A

■ 000114

■ 000000

■ 836EC2

■ 836EC2

745BC2

9281C2

6647C2

A095C2

5734C2

AFA8C2

4920C2

BDBCC2

3A0DC2

CCCFC2

3100C2

DAE2C2

E9F6C2

F7FFC2

FFFFC2

Harmonies

Analogous

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



217ED0



836EC2



B25DA2

Triad

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



836EC2



AF6B2E



00907F

Complementary

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



836EC2



ADC26E

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.



1B8D54



836EC2



8D7B1F

Square

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



836EC2



C55B4F



628630



008FA9

Rectangle

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



836EC2



C35586



628630



008F70

Sweetspot

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



836EC2



E4DCFC



6EADC2



706B80



000000



808080

Same Dimension

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



836EC2



9A79FC



AD6EC2



5A5761



2800A1



080021

Inverse Universe

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



C26EAD



FC79DC



83C26E



61575E



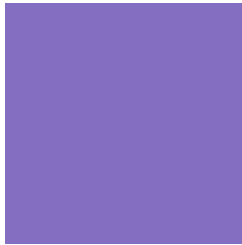
A10078



210019

Previews

White Background



This preview shows how the Hex color 836EC2 looks on a white background.

Color Contrast Check

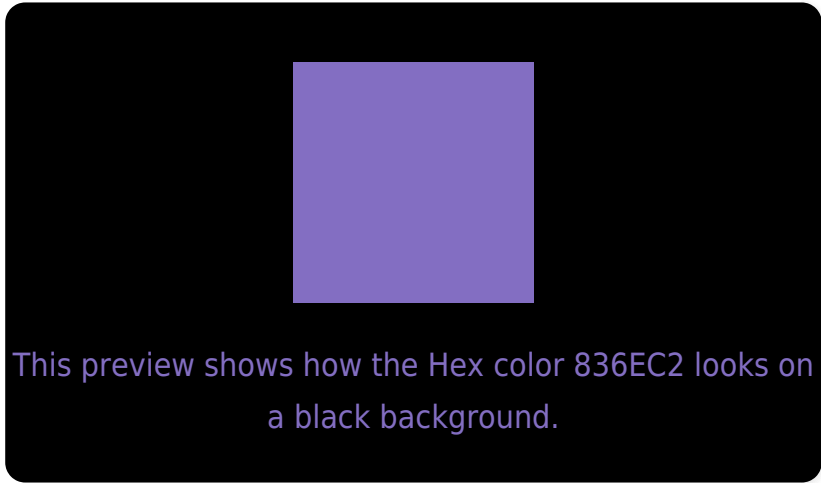
Large Text (above 18pt) WCAG AA ✓ Pass

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 836EC2 Background



This preview shows how black text looks on a background with the Hex color 836EC2.



This preview shows how white text looks on a background with the Hex color 836EC2.

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](#).

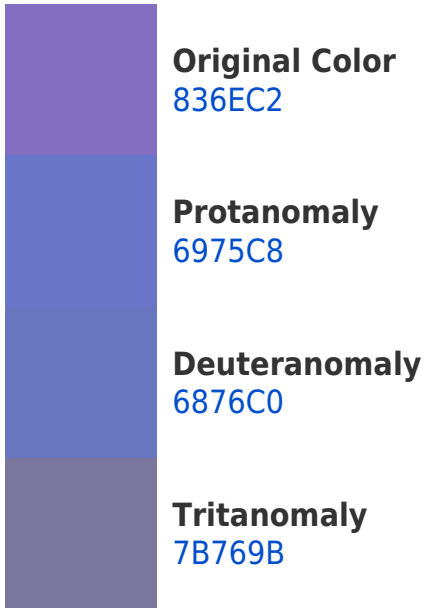
Dichromacy





Tritanopia
767B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 836EC2 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 #836EC2 looks like.

```
.text, #text, p{  
    color:#836EC2  
}
```

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 #836EC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836EC2
}
```

Border

The CSS property to change the border of an element to Hex 836EC2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

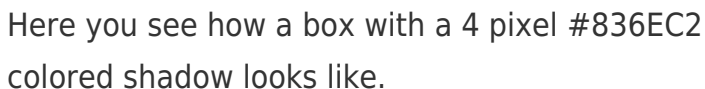
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#836EC2 }
```

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

```
.border{ border-color:#836EC2 }
```

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



Here you see how a box with a 4 pixel #836EC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836EC2; -webkit-box-shadow:4px 4px  
4px 4px #836EC2; box-shadow:4px 4px 4px  
4px #836EC2 }
```

Background

The CSS property to change the background color of an element to Hex 836EC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836EC2 }
```

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

```
.background{ background-color:#836EC2 }
```

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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