

Converting Colors

Hex(846CA2)

Have a look what the booklet for
Hex(846CA2) contains.

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Color

Hex(846CA2)

Conversions

Conversions Part 1

Format	Color
Hex	846CA2
RGB	132, 108, 162
RGB Percent	52%, 42%, 64%
CMY	0.4824, 0.5765, 0.3647
CMYK	0.19, 0.33, 0.00, 0.36
HSL	267°, 22%, 53%
HSV	267°, 33%, 64%
XYZ	21.3999, 18.2393, 36.5751
YIQ	121.3320, -3.0300, 21.8820

Conversions

Conversions Part 2

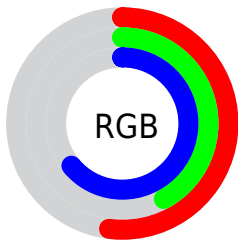
Format	Color
R_{YB}	132, 108, 162
Decimal	8678562
CIE _{Lab}	49.79, 20.62, -25.61
CIE _{LCh}	50, 32.878, 308.845
Yxy	18.2393, 0.2808, 0.2393
Android (android.graphics.Color)	4286868642 (0xFF846CA2)
YUV	121.3320, 20.0493, 9.3558
Hunter-Lab	42.7075, 14.7047, -20.8812

Details

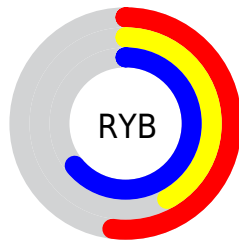
The Hex color **846CA2** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8AA26C**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **BAA0D9**, and **513C6E** is the 20% darker color. If you saturate the color by 10%, you get **7B5CA2**, and if you desaturate by 10%, it is **8D7CA2**.

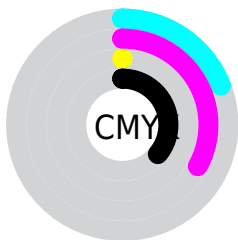
Distribution



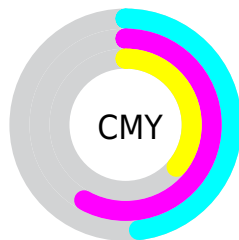
- Red (52%)
- Green (42%)
- Blue (64%)



- Red (52%)
- Yellow (42%)
- Blue (64%)



- Cyan (19%)
- Magenta (33%)
- Yellow (0%)
- Black (36%)



- Cyan (48%)
- Magenta (58%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 846CA2 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 846CA2 by changing the saturation by 10% instead.

846CA2

846CA2

FFFFFF

6A5488

BAA0D9

513C6E

D6BBF6

392656

F2D6FF

22113E

FFF3FF

110028

000112

000000

846CA2

846CA2

7B5CA2

8D7CA2

 724CA2

 968CA2


 693BA2

 9F9DA2

 602BA2

 A8ADA2

 571BA2

 B1BDA2

 4E0BA2

 BACDA2

 4800A2

 C3DDA2

 CCEEA2

 D5FEA2

Harmonies

Analogous

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



5A76AD



846CA2



A0638B

Triad

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



846CA2



996E42



00857E

Complementary

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



846CA2



8AA26C

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.



3D8461



846CA2



80773E

Square

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



846CA2



A86555



627F4A



008499

Rectangle

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



846CA2



AA6079



627F4A



1A8574

Sweetspot

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



846CA2



C8BED4



6C8BA2



645E6B



EBEBEB



6B6B6B

Same Dimension

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



846CA2



A57FD4



9E6CA2



4D4952



410091



080012

Inverse Universe

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



A26C8A



D47FAE



70A26C



52494E



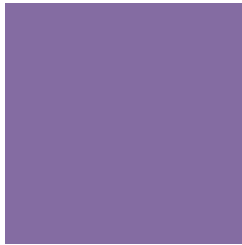
910051



12000A

Previews

White Background



This preview shows how the Hex color 846CA2 looks on a white background.

Color Contrast Check

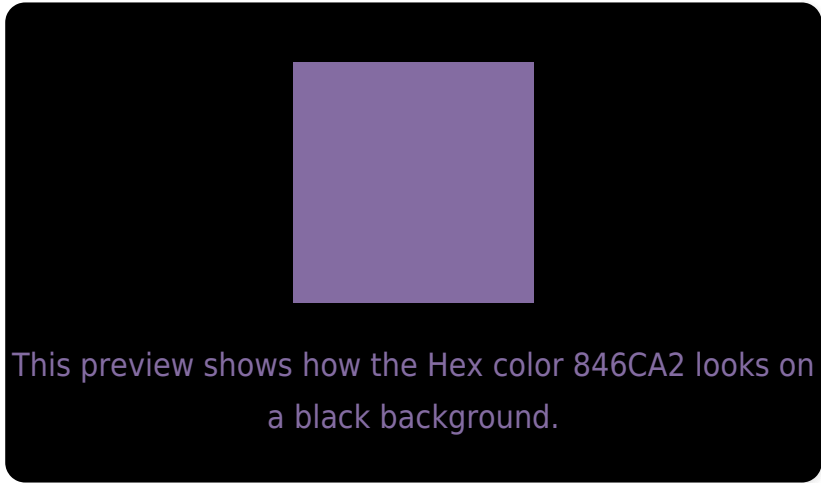
Large Text (above 18pt) WCAG AA ✓ Pass

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

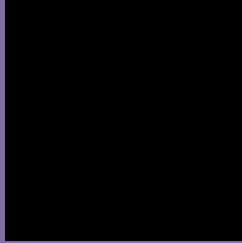
Any Text WCAG AA ✓ Pass

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 846CA2 Background



This preview shows how black text looks on a background with the Hex color 846CA2.

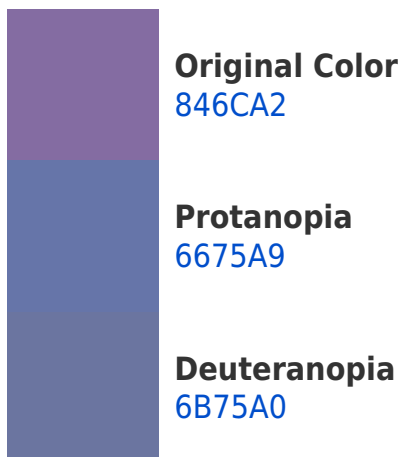


This preview shows how white text looks on a background with the Hex color 846CA2.

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
7E737D

Trichromacy



Original Color
846CA2

Protanomaly
7172A6

Deuteranomaly
7472A1

Tritanomaly
80708A

Monochromacy



Original Color
846CA2

Achromatopsia
797979

Achromatomaly
7D7488

CSS Examples

Text

The CSS property to change the color of the text to Hex 846CA2 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 #846CA2 looks like.

```
.text, #text, p{  
    color:#846CA2  
}
```

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 #846CA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #846CA2
}
```

Border

The CSS property to change the border of an element to Hex 846CA2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

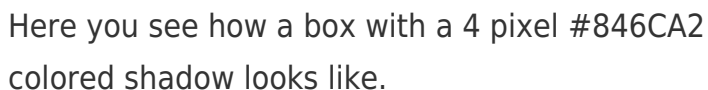
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#846CA2 }
```

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

```
.border{ border-color:#846CA2 }
```

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



Here you see how a box with a 4 pixel #846CA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #846CA2; -webkit-box-shadow:4px 4px  
4px 4px #846CA2; box-shadow:4px 4px 4px  
4px #846CA2 }
```

Background

The CSS property to change the background color of an element to Hex 846CA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#846CA2 }
```

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

```
.background{ background-color:#846CA2 }
```

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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