

Converting Colors

Hex(846CA4)

Have a look what the booklet for
Hex(846CA4) contains.

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Color

Hex(846CA4)

Conversions

Conversions Part 1

Format	Color
Hex	846CA4
RGB	132, 108, 164
RGB Percent	52%, 42%, 64%
CMY	0.4824, 0.5765, 0.3569
CMYK	0.20, 0.34, 0.00, 0.36
HSL	266°, 24%, 53%
HSV	266°, 34%, 64%
XYZ	21.5791, 18.3110, 37.5190
YIQ	121.5600, -3.6720, 22.5040

Conversions

Conversions Part 2

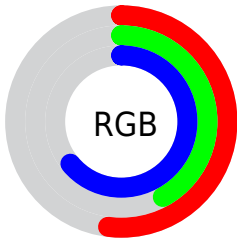
Format	Color
R_{YB}	132, 108, 164
Decimal	8678564
CIE _{Lab}	49.87, 21.10, -26.64
CIE _{LCh}	50, 33.985, 308.373
Yxy	18.3110, 0.2788, 0.2365
Android (android.graphics.Color)	4286868644 (0xFF846CA4)
YUV	121.5600, 20.9229, 9.1559
Hunter-Lab	42.7913, 15.1304, -22.0309

Details

The Hex color **846CA4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8CA46C**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **BAA0DB**, and **513C70** is the 20% darker color. If you saturate the color by 10%, you get **7B5CA4**, and if you desaturate by 10%, it is **8D7CA4**.

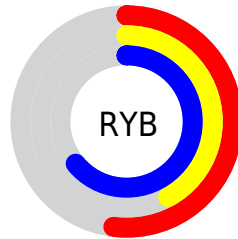
Distribution



Red (52%)

Green (42%)

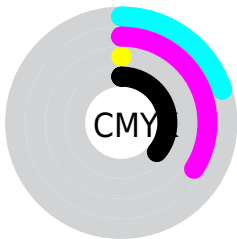
Blue (64%)



Red (52%)

Yellow (42%)

Blue (64%)

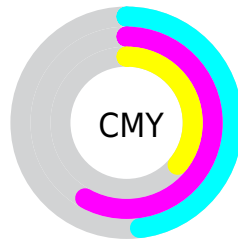


Cyan (20%)

Magenta (34%)

Yellow (0%)

Black (36%)



Cyan (48%)

Magenta (58%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 846CA4 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 846CA4 by changing the saturation by 10% instead.

846CA4

846CA4

FFFFFF

6A548A

BAA0DB

513C70

D6BBF8

392657

F2D7FF

221140

FFF3FF

11002A

000114

000000

846CA4

846CA4

7B5CA4

8D7CA4

714BA4

978DA4

683BA4

A09DA4

5F2AA4

A9AEA4

551AA4

B3BEA4

4C0AA4

BCCEA4

4600A4

C6DFA4

CFEFA4

D8FFA4

Harmonies

Analogous

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



5777B0



846CA4



A1628D

Triad

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



846CA4



9A6E41



00867E

Complementary

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



846CA4



8CA46C

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.



3B8460



846CA4



81783C

Square

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



846CA4



AA6454



627F48



00849A

Rectangle

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



846CA4



AB5F79



627F48



138674

Sweetspot

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



846CA4



CAC1D6



6C8DA4



645E6B



EBEBEB



6B6B6B

Same Dimension

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



846CA4



A47ED6



9F6CA4



4D4952



3E0091



080012

Inverse Universe

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



A46C8C



D67EB1



71A46C



52494E



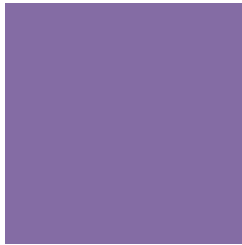
910053



12000A

Previews

White Background



This preview shows how the Hex color 846CA4 looks on a white background.

Color Contrast Check

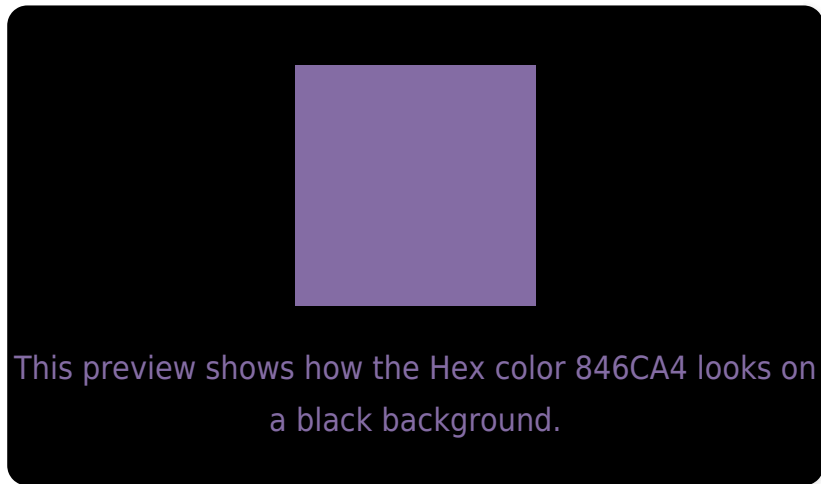
Large Text (above 18pt) WCAG AA ✓ Pass

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

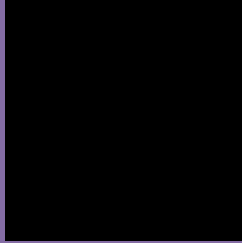
Any Text WCAG AA ✓ Pass

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 846CA4 Background



This preview shows how black text looks on a background with the Hex color 846CA4.

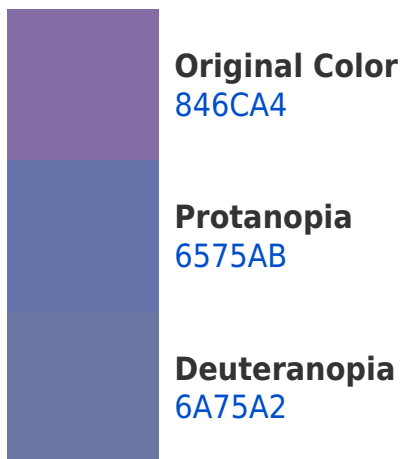


This preview shows how white text looks on a background with the Hex color 846CA4.

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
7D747D

Trichromacy



Original Color

846CA4

Protanomaly

7072A8

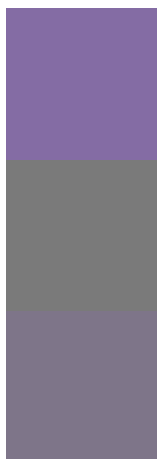
Deuteranomaly

7372A3

Tritanomaly

80718B

Monochromacy



Original Color

846CA4

Achromatopsia

7A7A7A

Achromatomaly

7E7589

CSS Examples

Text

The CSS property to change the color of the text to Hex 846CA4 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 #846CA4 looks like.

```
.text, #text, p{  
    color:#846CA4  
}
```

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 #846CA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #846CA4
}
```

Border

The CSS property to change the border of an element to Hex 846CA4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

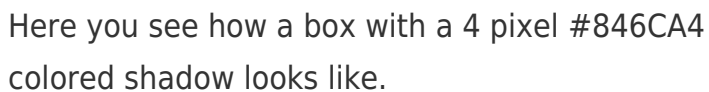
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#846CA4 }
```

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

```
.border{ border-color:#846CA4 }
```

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



Here you see how a box with a 4 pixel #846CA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #846CA4; -webkit-box-shadow:4px 4px  
4px 4px #846CA4; box-shadow:4px 4px 4px  
4px #846CA4 }
```

Background

The CSS property to change the background color of an element to Hex 846CA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#846CA4 }
```

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

```
.background{ background-color:#846CA4 }
```

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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