

Converting Colors

Hex(847AE6)

Have a look what the booklet for
Hex(847AE6) contains.

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Color

Hex(847AE6)

Conversions

Conversions Part 1

Format	Color
Hex	847AE6
RGB	132, 122, 230
RGB Percent	52%, 48%, 90%
CMY	0.4824, 0.5216, 0.0980
CMYK	0.43, 0.47, 0.00, 0.10
HSL	246°, 68%, 69%
HSV	246°, 47%, 90%
XYZ	30.7582, 24.5378, 77.9780
YIQ	137.3020, -28.7080, 35.7080

Conversions

Conversions Part 2

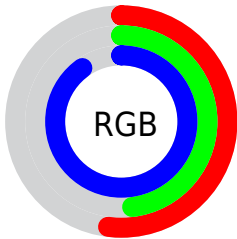
Format	Color
R _Y B	132, 122, 230
Decimal	8682214
CIE Lab	56.62, 30.25, -53.73
CIE LCh	57, 61.657, 299.381
Yxy	24.5378, 0.2308, 0.1841
Android (android.graphics.Color)	4286872294 (0xFF847AE6)
YUV	137.3020, 45.7001, -4.6499
Hunter-Lab	49.5356, 24.1488, -58.6583

Details

The Hex color **847AE6** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **DCE67A**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **BDAFFF**, and **4B49AE** is the 20% darker color. If you saturate the color by 10%, you get **6F63E6**, and if you desaturate by 10%, it is **9991E6**.

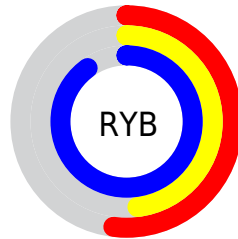
Distribution



Red (52%)

Green (48%)

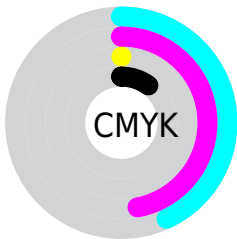
Blue (90%)



Red (52%)

Yellow (48%)

Blue (90%)

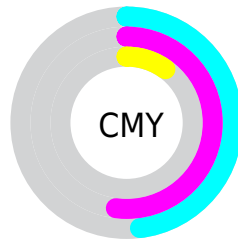


Cyan (43%)

Magenta (47%)

Yellow (0%)

Black (10%)



Cyan (48%)

Magenta (52%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 847AE6 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 847AE6 by changing the saturation by 10% instead.

 847AE6

 847AE6

FFFFFF

 6861CA

 BDAFFF

 4B49AE

 DACAFF

 2C3393

 F8E6FF

 001D78

 000A5F

 000046

 00042F

 000119

 000000

847AE6

847AE6

6F63E6

9991E6

5A4CE6

AEA8E6

4535E6

C3BFE6

311EE6

D7D6E6

1C07E6

ECEDE6

1500E6

FFFFE6

Harmonies

Analogous

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



008FF4



847AE6



C761BF

Triad

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



847AE6



CC7028



00A185

Complementary

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



847AE6



DCE67A

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.



009D4E



847AE6



A38500

Square

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



847AE6



E55A56



6E941D



00A0BB

Rectangle

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



847AE6



DF559D



6E941D



00A072

Sweetspot

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



847AE6



DFDBFF



7ADDE6



6C6A80



000000



808080

Same Dimension

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



847AE6



7D70FF



B97AE6



686773



1100B3



050033

Inverse Universe

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



E67ADC



FF70F2



A7E67A



736772



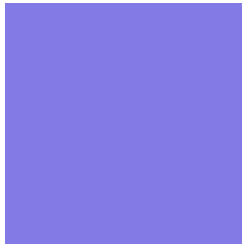
B300A2



33002E

Previews

White Background



This preview shows how the Hex color 847AE6 looks on a white background.

Color Contrast Check

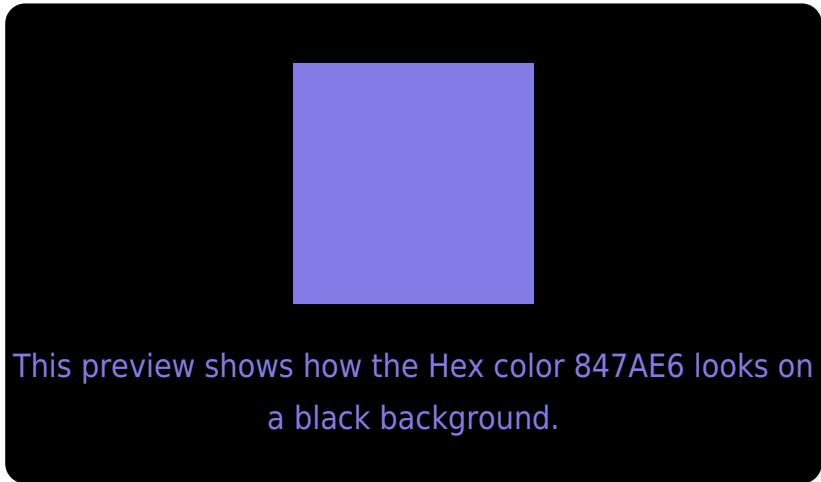
Large Text (above 18pt) WCAG AA ✓ Pass

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

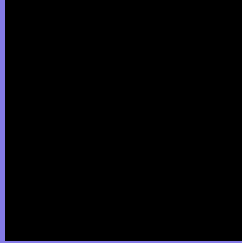
Any Text WCAG AA ✓ Pass

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 847AE6 Background



This preview shows how black text looks on a background with the Hex color 847AE6.

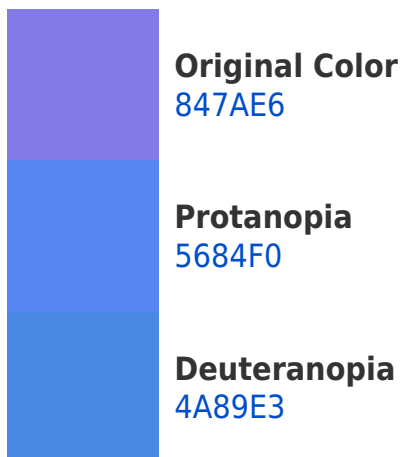


This preview shows how white text looks on a background with the Hex color 847AE6.

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](#).

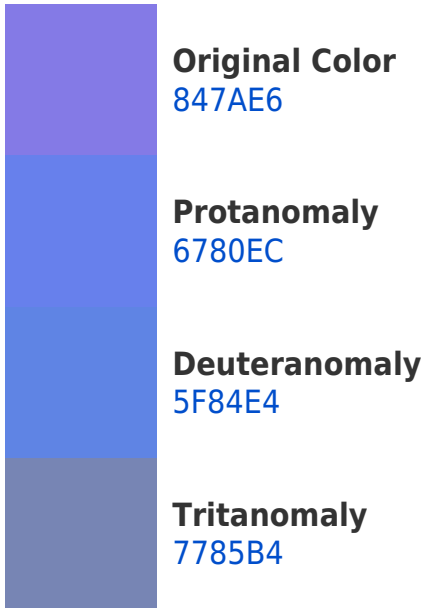
Dichromacy



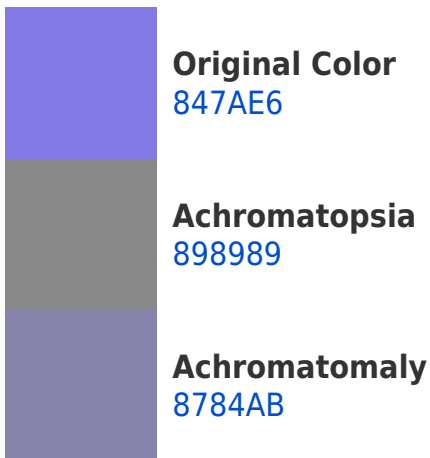


Tritanopia
708C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 847AE6 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 #847AE6 looks like.

```
.text, #text, p{  
    color:#847AE6  
}
```

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 #847AE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #847AE6
}
```

Border

The CSS property to change the border of an element to Hex 847AE6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

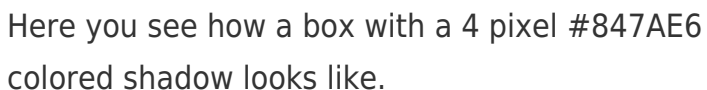
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#847AE6 }
```

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

```
.border{ border-color:#847AE6 }
```

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



Here you see how a box with a 4 pixel #847AE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #847AE6; -webkit-box-shadow:4px 4px  
4px 4px #847AE6; box-shadow:4px 4px 4px  
4px #847AE6 }
```

Background

The CSS property to change the background color of an element to Hex 847AE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#847AE6 }
```

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

```
.background{ background-color:#847AE6 }
```

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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