

Converting Colors

Hex(847BC6)

Have a look what the booklet for
Hex(847BC6) contains.

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Color

Hex(847BC6)

Conversions

Conversions Part 1

Format	Color
Hex	847BC6
RGB	132, 123, 198
RGB Percent	52%, 48%, 78%
CMY	0.4824, 0.5176, 0.2235
CMYK	0.33, 0.38, 0.00, 0.22
HSL	247°, 40%, 63%
HSV	247°, 38%, 78%
XYZ	26.7917, 23.1487, 56.4821
YIQ	134.2410, -18.7110, 25.2330

Conversions

Conversions Part 2

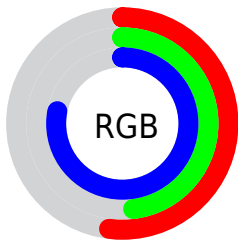
Format	Color
RYB	132, 123, 198
Decimal	8682438
CIELab	55.23, 20.83, -37.90
CIELCh	55, 43.245, 298.797
Yxy	23.1487, 0.2517, 0.2175
Android (android.graphics.Color)	4286872518 (0xFF847BC6)
YUV	134.2410, 31.4332, -1.9654
Hunter-Lab	48.1131, 15.1997, -35.9241

Details

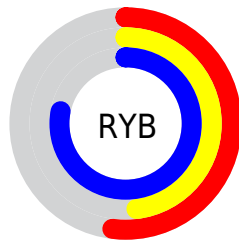
The Hex color **847BC6** is a light color, and the websafe version is hex **666699**. A complement of this color would be **BDC67B**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **BBAFFF**, and **4F4A90** is the 20% darker color. If you saturate the color by 10%, you get **7367C6**, and if you desaturate by 10%, it is **958FC6**.

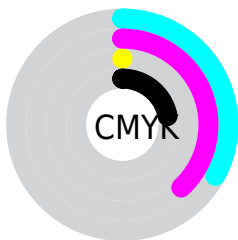
Distribution



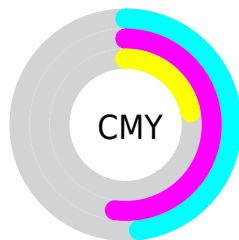
- Red (52%)
- Green (48%)
- Blue (78%)



- Red (52%)
- Yellow (48%)
- Blue (78%)



- Cyan (33%)
- Magenta (38%)
- Yellow (0%)
- Black (22%)



- Cyan (48%)
- Magenta (52%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 847BC6 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 847BC6 by changing the saturation by 10% instead.

■ 847BC6

■ 847BC6

FFFFFF

■ 6962AA

■ BBAFFF

■ 4F4A90

■ D7CBFF

■ 353476

■ F4E7FF

■ 1A1E5D

■ 000945

■ 00032E

■ 000118

■ 000000

■ 847BC6

■ 847BC6

 7367C6

 958FC6

 6153C6

 A7A3C6

 5040C6

 B8B6C6

 3E2CC6

 CACAC6

 2D18C6

 DBDEC6

 1B04C6

 EDF2C6

 1800C6

 FEFFC6

 FFFFC6

Harmonies

Analogous

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



3889CF



847BC6



B16DAC

Triad

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



847BC6



B87445



009781

Complementary

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



847BC6



BDC67B

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.



46945C



847BC6



9B8237

Square

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



847BC6



C96862



768D40



0097A7

Rectangle

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



847BC6



C26694



768D40



009674

Sweetspot

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



847BC6



E6E3FF



7BBDC6



716F80



000000



808080

Same Dimension

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



847BC6



9A8CFF



A97BC6



5B5A63



1400A3



040024

Inverse Universe

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



C67BBD



FF8CF1



98C67B



635A62



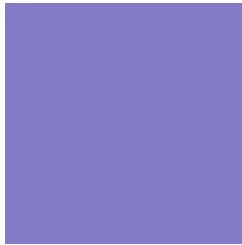
A30090



24001F

Previews

White Background



This preview shows how the Hex color 847BC6 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

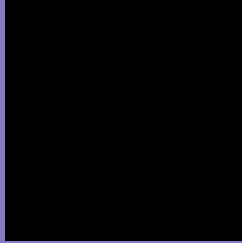
Any Text WCAG AA ✓ Pass

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 847BC6 Background



This preview shows how black text looks on a background with the Hex color 847BC6.



This preview shows how white text looks on a background with the Hex color 847BC6.

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](#).

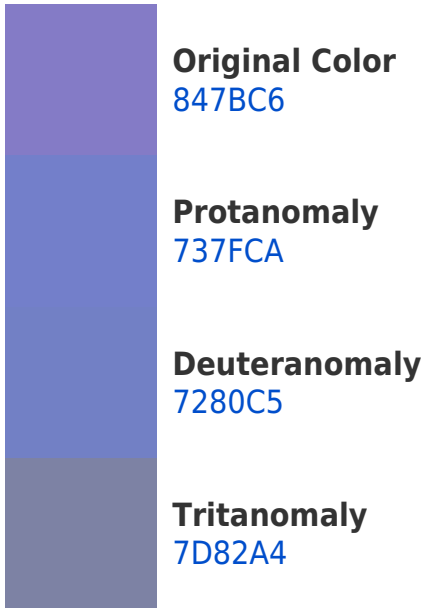
Dichromacy



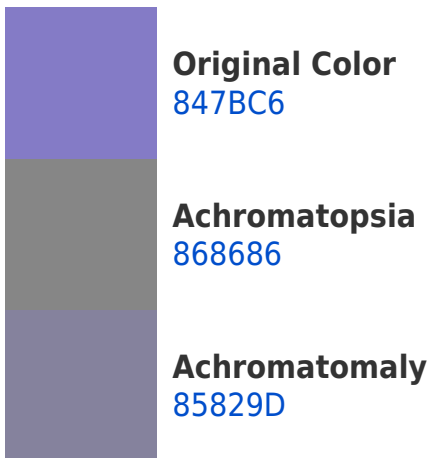


Tritanopia
798691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 847BC6 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 #847BC6 looks like.

```
.text, #text, p{  
    color:#847BC6  
}
```

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 #847BC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #847BC6
}
```

Border

The CSS property to change the border of an element to Hex 847BC6 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
#847BC6 }
```

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

```
.border{ border-color:#847BC6 }
```

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

Here you see how a box with a 4 pixel #847BC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #847BC6; -webkit-box-shadow:4px 4px  
4px 4px #847BC6; box-shadow:4px 4px 4px  
4px #847BC6 }
```

Background

The CSS property to change the background color of an element to Hex 847BC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#847BC6 }
```

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

```
.background{ background-color:#847BC6 }
```

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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