

# Converting Colors

Hex(867AC1)

Have a look what the booklet for  
Hex(867AC1) contains.

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# Color

**Hex(867AC1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	867AC1
RGB	134, 122, 193
RGB Percent	53%, 48%, 76%
CMY	0.4745, 0.5216, 0.2431
CMYK	0.31, 0.37, 0.00, 0.24
HSL	250°, 36%, 62%
HSV	250°, 37%, 76%
XYZ	26.4167, 22.8377, 53.4679
YIQ	133.6820, -15.6390, 24.6250

# Conversions

## Conversions Part 2

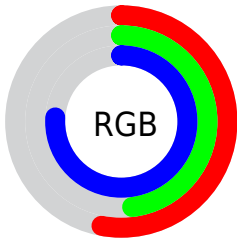
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">134, 122, 193</a>
Decimal	<a href="#">8813249</a>
CIELab	<a href="#">54.90, 20.68, -35.54</a>
CIElCh	<a href="#">55, 41.115, 300.190</a>
Yxy	<a href="#">22.8377, 0.2572, 0.2223</a>
Android (android.graphics.Color)	<a href="#">4287003329 (0xFF867AC1)</a>
YUV	<a href="#">133.6820, 29.2438, 0.2789</a>
Hunter-Lab	<a href="#">47.7888, 15.0410, -32.8838</a>

# Details

The Hex color **867AC1** is a light color, and the websafe version is hex **666699**. A complement of this color would be **B5C17A**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **BDAEFA**, and **52498B** is the 20% darker color. If you saturate the color by 10%, you get **7667C1**, and if you desaturate by 10%, it is **968DC1**.

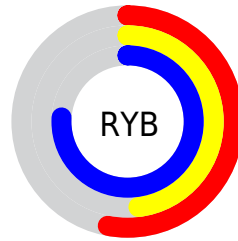
# Distribution



Red (53%)

Green (48%)

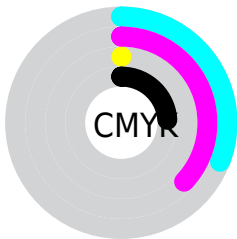
Blue (76%)



Red (53%)

Yellow (48%)

Blue (76%)

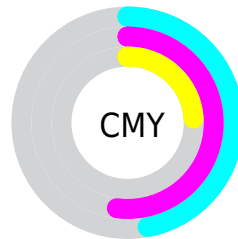


Cyan (31%)

Magenta (37%)

Yellow (0%)

Black (24%)



Cyan (47%)

Magenta (52%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 867AC1 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 867AC1 by changing the saturation by 10% instead.



■ 867AC1

■ 867AC1

FFFFFF

■ 6C61A6

■ BDAEFA

■ 52498B

■ D9CAFF

■ 383371

■ F6E6FF

■ 1E1D58

■ 010741

■ 00032A

■ 000114

■ 000000

■ 867AC1

■ 867AC1

7667C1

968DC1

6653C1

A6A1C1

5640C1

B6B4C1

462DC1

C6C7C1

361AC1

D6DBC1

2606C1

E6EEC1

2100C1

F6FFC1

FFFFC1

# Harmonies

## Analogous

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



4487CA



867AC1



AF6DA7

# Triad

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



867AC1



B47546



009582

# Complementary

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



867AC1



B5C17A

# 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.



46925F



867AC1



98823A

# Square

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



867AC1



C56962



748C44



0095A6

# Rectangle

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



867AC1



C06791



748C44



0D9576



# Sweetspot

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



867AC1



E3DEFA



7AB5C1



6F6D7D



FCFCFC



7D7D7D



# Same Dimension

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



867AC1



9F8CFA



A97AC1



595761



1B00A1



060021



# Inverse Universe

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



C17AB5



FA8CE7



92C17A



61575F



A10085



21001C



# Previews

## White Background



This preview shows how the Hex color 867AC1 looks on a white background.

## Color Contrast Check

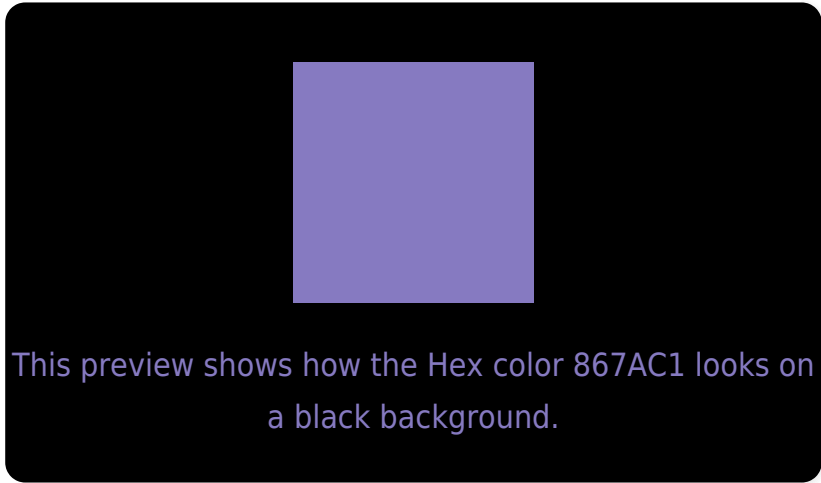
Large Text (above 18pt) WCAG AA ✓ Pass

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

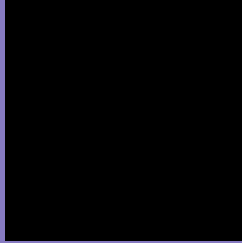
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 867AC1 Background



This preview shows how black text looks on a background with the Hex color 867AC1.

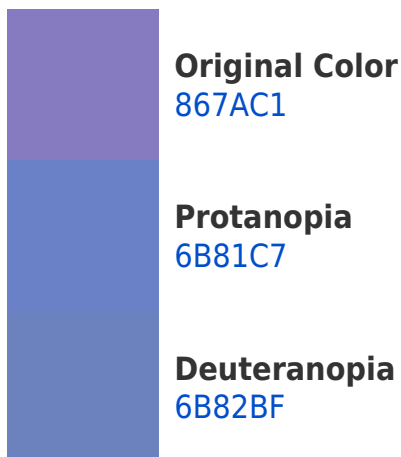


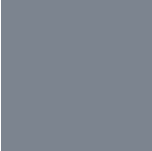
This preview shows how white text looks on a background with the Hex color 867AC1.

# 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](#).

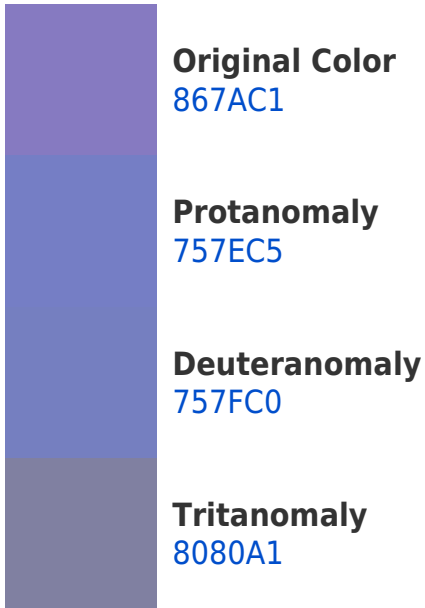
## Dichromacy



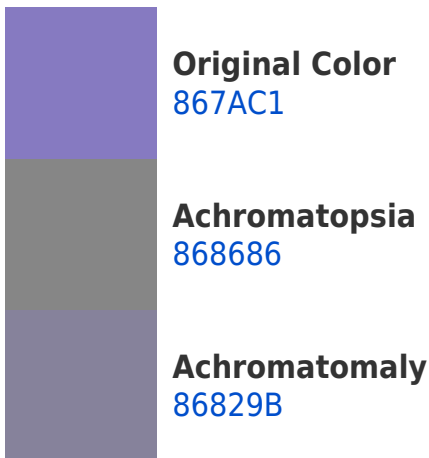


**Tritanopia**  
7C848F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 867AC1 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 #867AC1 looks like.

```
.text, #text, p{  
    color:#867AC1  
}
```

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 #867AC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #867AC1
}
```

## Border

The CSS property to change the border of an element to Hex 867AC1 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
#867AC1 }
```

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

```
.border{ border-color:#867AC1 }
```

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

Here you see how a box with a 4 pixel #867AC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #867AC1; -webkit-box-shadow:4px 4px  
4px 4px #867AC1; box-shadow:4px 4px 4px  
4px #867AC1 }
```

# Background

The CSS property to change the background color of an element to Hex 867AC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#867AC1 }
```

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

```
.background{ background-color:#867AC1 }
```

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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