

# Converting Colors

Hex(867BAD)

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

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# Color

**Hex(867BAD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	867BAD
RGB	134, 123, 173
RGB Percent	53%, 48%, 68%
CMY	0.4745, 0.5176, 0.3216
CMYK	0.23, 0.29, 0.00, 0.32
HSL	253°, 23%, 58%
HSV	253°, 29%, 68%
XYZ	24.4573, 22.2514, 42.5411
YIQ	131.9890, -9.4940, 17.8820

# Conversions

## Conversions Part 2

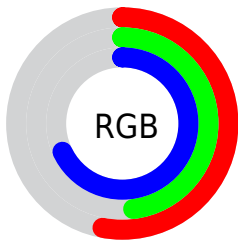
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 123, 173
Decimal	8813485
CIELab	54.29, 15.04, -25.02
CIELCh	54, 29.189, 301.012
Yxy	22.2514, 0.2740, 0.2493
Android (android.graphics.Color)	4287003565 (0xFF867BAD)
YUV	131.9890, 20.2184, 1.7636
Hunter-Lab	47.1714, 9.9984, -20.4502

# Details

The Hex color **867BAD** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A2AD7B**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **BCAFE5**, and **534A78** is the 20% darker color. If you saturate the color by 10%, you get **796AAD**, and if you desaturate by 10%, it is **938CAD**.

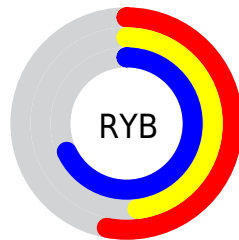
# Distribution



Red (53%)

Green (48%)

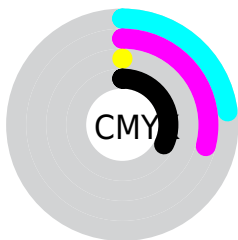
Blue (68%)



Red (53%)

Yellow (48%)

Blue (68%)

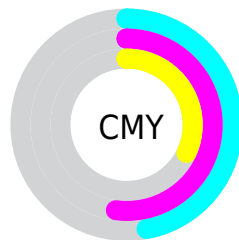


Cyan (23%)

Magenta (29%)

Yellow (0%)

Black (32%)



Cyan (47%)

Magenta (52%)

Yellow (32%)

# Brightness & Saturation Gradients

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



■ 867BAD

■ 867BAD

FFFFFF

■ 6C6292

■ BCAFE5

■ 534A78

■ D8CBFF

■ 3B345F

■ F5E7FF

■ 241E48

■ 0E0731

■ 00011B

■ 000000

■ 867BAD

■ 867BAD

■ 796AAD

■ 938CAD

6B58AD

A19EAD

5E47AD

AEAFAD

5036AD

BCC0AD

4325AD

C9D2AD

3513AD

D7E3AD

2802AD

E4F4AD

2600AD

F2FFAD

FFFFAD

# Harmonies

## Analogous

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



6084B4



867BAD



A2739B

# Triad

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



867BAD



A77856



398F82

# Complementary

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



867BAD



A2AD7B

# 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.



598D69



867BAD



92814F

# Square

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



867BAD



B27169



778856



228F9B

# Rectangle

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



867BAD



AE6F8B



778856



448F79



# Sweetspot

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



867BAD



D1CCE0



7BA2AD



676470



F0F0F0



707070



# Same Dimension

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



867BAD



A392E0



9F7BAD



504E57



210096



050017



# Inverse Universe

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



AD7BA2



E092CF



89AD7B



574E55



960075



170012



# Previews

## White Background



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

## Color Contrast Check

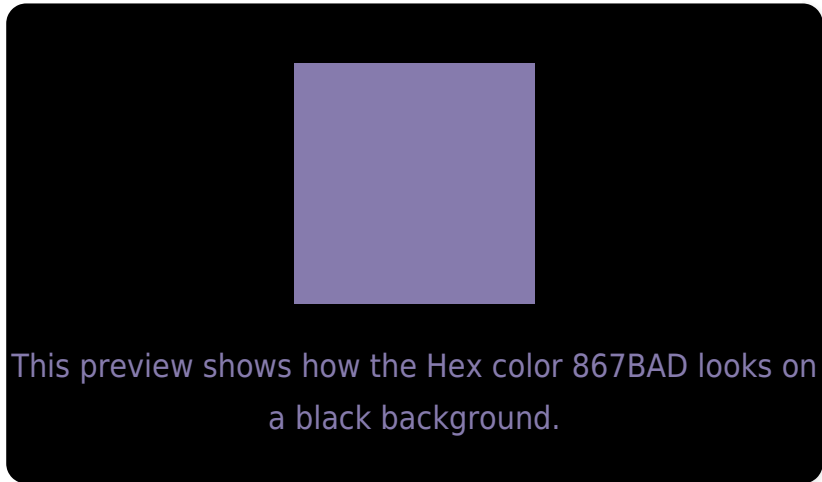
Large Text (above 18pt) WCAG AA ✓ Pass

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

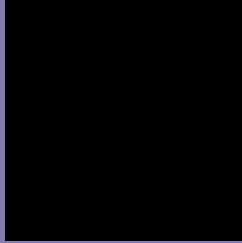
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 867BAD Background



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

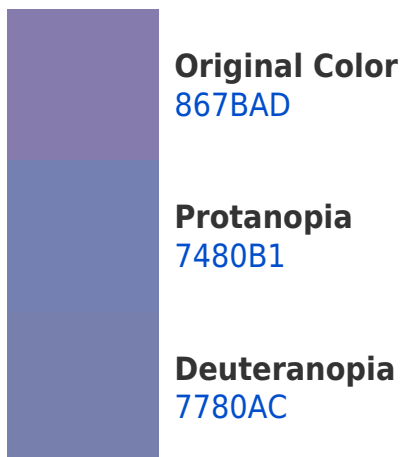



This preview shows how white text looks on a background with the Hex color 867BAD.

# 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**  
80818C

# Trichromacy



**Original Color**  
867BAD

**Protanomaly**  
7B7EB0

**Deuteranomaly**  
7C7EAC

**Tritanomaly**  
827F98

# Monochromacy



**Original Color**  
867BAD

**Achromatopsia**  
848484

**Achromatomaly**  
858193

# CSS Examples

## Text

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

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

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 #867BAD colored shadow looks like.

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

## Border

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

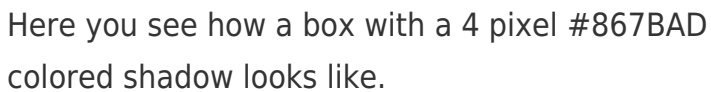
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#867BAD }
```

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

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

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



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

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

# Background

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

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

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

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

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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