

# Converting Colors

Hex(867BA4)

Have a look what the booklet for  
Hex(867BA4) contains.

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# Color

**Hex(867BA4)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 867BA4                     |
| RGB           | 134, 123, 164              |
| RGB Percent   | 53%, 48%, 64%              |
| CMY           | 0.4745, 0.5176, 0.3569     |
| CMYK          | 0.18, 0.25, 0.00, 0.36     |
| HSL           | 256°, 18%, 56%             |
| HSV           | 256°, 25%, 64%             |
| XYZ           | 23.6153, 21.9146, 38.1072  |
| YIQ           | 130.9630, -6.6050, 15.0830 |

# Conversions

## Conversions Part 2

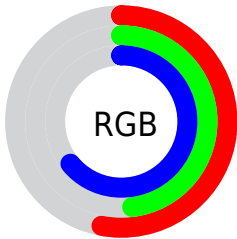
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>RYB</b>                          | 134, 123, 164                |
| Decimal                             | 8813476                      |
| CIELab                              | 53.94, 12.88, -20.36         |
| CIELCh                              | 54, 24.097, 302.318          |
| Yxy                                 | 21.9146, 0.2824,<br>0.2620   |
| Android<br>(android.graphics.Color) | 4287003556<br>(0xFF867BA4)   |
| YUV                                 | 130.9630, 16.2872,<br>2.6634 |
| Hunter-Lab                          | 46.8130, 8.1234,<br>-15.4948 |

# Details

The Hex color **867BA4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **99A47B**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **BCAFDB**, and **544A70** is the 20% darker color. If you saturate the color by 10%, you get **7A6BA4**, and if you desaturate by 10%, it is **928BA4**.

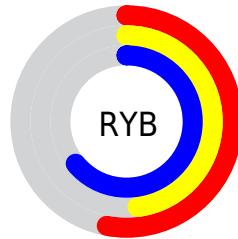
# Distribution



Red (53%)

Green (48%)

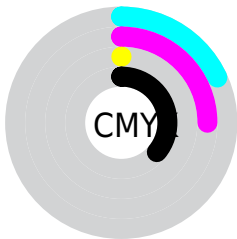
Blue (64%)



Red (53%)

Yellow (48%)

Blue (64%)

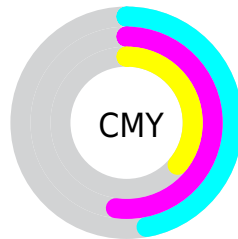


Cyan (18%)

Magenta (25%)

Yellow (0%)

Black (36%)



Cyan (47%)

Magenta (52%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 867BA4 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 867BA4 by changing the saturation by 10% instead.





867BA4



867BA4

FFFFFF



6C628A



BCAFDB



544A70



D8CBF8



3C3458



F4E7FF



251E40



11072A



000115



000000



867BA4



867BA4



7A6BA4



928BA4

6E5AA4

9E9CA4

624AA4

AAACA4

5639A4

B6BDA4

4A29A4

C2CDA4

3E19A4

CEDDA4

3208A4

DAEEA4

2C00A4

E6FEA4

F2FFA4

# Harmonies

## Analogous

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



6882AA



867BA4



9D7495

# Triad

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



867BA4



A0795D



498C82

# Complementary

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



867BA4



99A47B

# 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.



608B6D



867BA4



8E8057

# Square

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



867BA4



AA736C



78865D



3F8C96

# Rectangle

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



867BA4



A67287



78865D



508C7B



# Sweetspot

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



867BA4



CAC5D6



7B99A4



63606B



EBEBEB



6B6B6B



# Same Dimension

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



867BA4



A796D6



9A7BA4



4C4952



270091



050012



# Inverse Universe

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



A47B99



D696C5



85A47B



52494F



91006A



12000D



# Previews

## White Background



This preview shows how the Hex color 867BA4 looks on a white background.

## Color Contrast Check

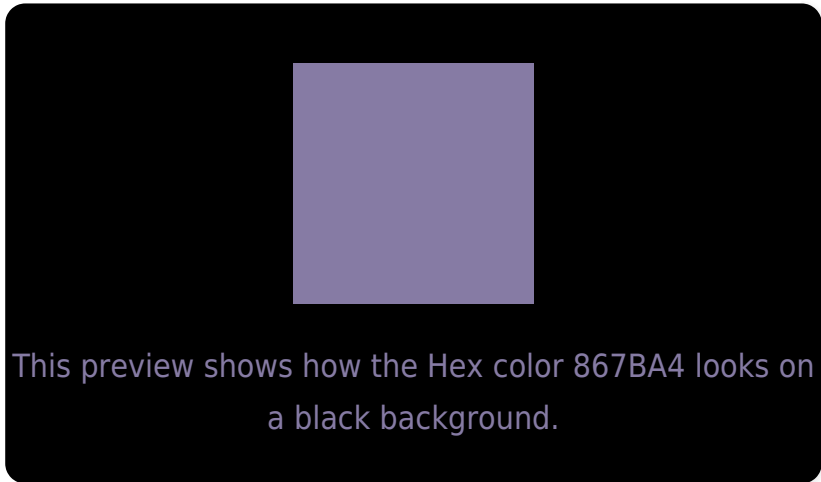
Large Text (above 18pt) WCAG AA ✓ Pass

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 867BA4 Background



This preview shows how black text looks on a background with the Hex color 867BA4.

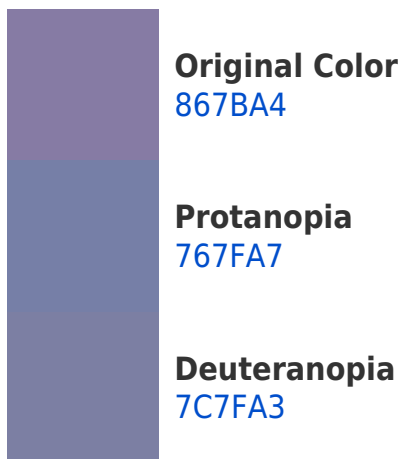


This preview shows how white text looks on a background with the Hex color 867BA4.

# 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**  
81808A

# Trichromacy



**Original Color**  
867BA4

**Protanomaly**  
7C7EA6

**Deuteranomaly**  
807EA3

**Tritanomaly**  
837E93

# Monochromacy



**Original Color**  
867BA4

**Achromatopsia**  
838383

**Achromatomaly**  
84808F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 867BA4 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 #867BA4 looks like.

```
.text, #text, p{  
    color:#867BA4  
}
```

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 #867BA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #867BA4
}
```

## Border

The CSS property to change the border of an element to Hex 867BA4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

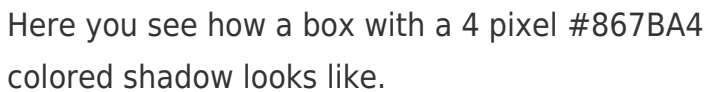
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#867BA4 }
```

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

```
.border{ border-color:#867BA4 }
```

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



Here you see how a box with a 4 pixel #867BA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #867BA4; -webkit-box-shadow:4px 4px  
4px 4px #867BA4; box-shadow:4px 4px 4px  
4px #867BA4 }
```

# Background

The CSS property to change the background color of an element to Hex 867BA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#867BA4 }
```

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

```
.background{ background-color:#867BA4 }
```

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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