

# Converting Colors

Hex(867AA7)

Have a look what the booklet for  
Hex(867AA7) contains.

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# Color

**Hex(867AA7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	867AA7
RGB	134, 122, 167
RGB Percent	53%, 48%, 65%
CMY	0.4745, 0.5216, 0.3451
CMYK	0.20, 0.27, 0.00, 0.35
HSL	256°, 20%, 57%
HSV	256°, 27%, 65%
XYZ	23.7661, 21.7774, 39.5101
YIQ	130.7180, -7.2930, 16.5390

# Conversions

## Conversions Part 2

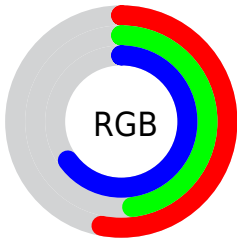
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	134, 122, 167
Decimal	8813223
CIE <sub>Lab</sub>	53.79, 14.18, -22.32
CIE <sub>LCh</sub>	54, 26.448, 302.423
Yxy	21.7774, 0.2794, 0.2560
Android (android.graphics.Color)	4287003303 (0xFF867AA7)
YUV	130.7180, 17.8870, 2.8783
Hunter-Lab	46.6663, 9.2401, -17.5316

# Details

The Hex color **867AA7** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9BA77A**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **BCAEDE**, and **544973** is the 20% darker color. If you saturate the color by 10%, you get **7A69A7**, and if you desaturate by 10%, it is **928BA7**.

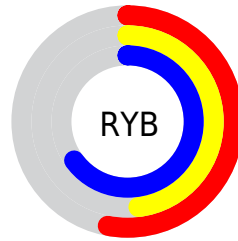
# Distribution



Red (53%)

Green (48%)

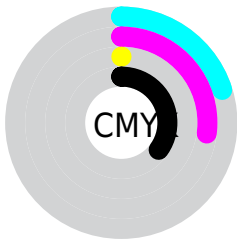
Blue (65%)



Red (53%)

Yellow (48%)

Blue (65%)

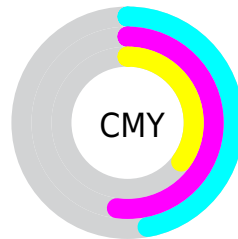


Cyan (20%)

Magenta (27%)

Yellow (0%)

Black (35%)



Cyan (47%)

Magenta (52%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 867AA7 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 867AA7 by changing the saturation by 10% instead.



■ 867AA7

■ 867AA7

FFFFFF

■ 6C618D

■ BCAEDE

■ 544973

■ D8CAFB

■ 3C335A

■ F4E6FF

■ 251E43

■ 11052C

■ 000117

■ 000000

■ 867AA7

■ 867AA7

■ 7A69A7

■ 928BA7

6E59A7

9E9BA7

6148A7

ABACA7

5537A7

B7BDA7

4926A7

C3CDA7

3D16A7

CFDEA7

3005A7

DCEFA7

2D00A7

E8FFA7

F4FFA7

# Harmonies

## Analogous

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



6582AE



867AA7



9F7396

# Triad

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



867AA7



A27859



418D82

# Complementary

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



867AA7



9BA77A

# 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.



5B8B6B



867AA7



8E8053

# Square

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



867AA7



AD7169



768659



328C98

# Rectangle

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



867AA7



A97087



768659



498D7A



# Sweetspot

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



867AA7



CCC7D9



7A9BA7



66636E



EDEDED



6E6E6E



# Same Dimension

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



867AA7



A693D9



9C7AA7



4E4C54



270094



050014



# Inverse Universe

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



A77A9B



D993C6



84A77A



544C52



94006C



14000F



# Previews

## White Background



This preview shows how the Hex color 867AA7 looks on a white background.

## Color Contrast Check

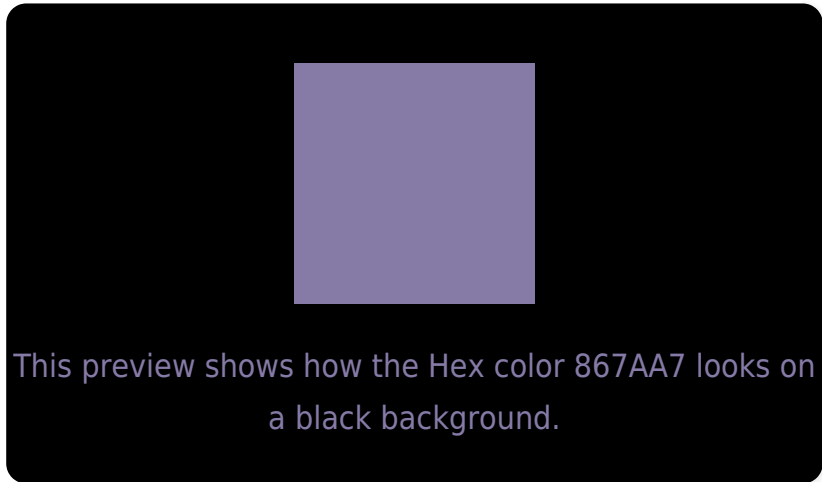
Large Text (above 18pt) WCAG AA ✓ Pass

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

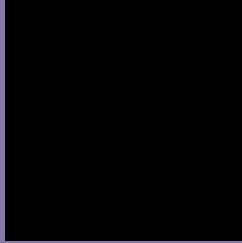
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 867AA7 Background



This preview shows how black text looks on a background with the Hex color 867AA7.



This preview shows how white text looks on a background with the Hex color 867AA7.

# 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



**Original Color**  
867AA7

**Protanopia**  
747FAB

**Deuteranopia**  
797EA6



**Tritanopia**  
81808A

# Trichromacy



**Original Color**  
867AA7

**Protanomaly**  
7B7DAA

**Deuteranomaly**  
7E7DA6

**Tritanomaly**  
837E95

# Monochromacy



**Original Color**  
867AA7

**Achromatopsia**  
838383

**Achromatomaly**  
848090

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 867AA7 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 #867AA7 looks like.

```
.text, #text, p{  
    color:#867AA7  
}
```

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 #867AA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #867AA7
}
```

## Border

The CSS property to change the border of an element to Hex 867AA7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

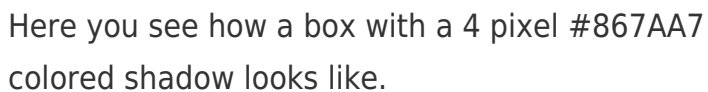
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#867AA7 }
```

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

```
.border{ border-color:#867AA7 }
```

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



Here you see how a box with a 4 pixel #867AA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #867AA7; -webkit-box-shadow:4px 4px  
4px 4px #867AA7; box-shadow:4px 4px 4px  
4px #867AA7 }
```

# Background

The CSS property to change the background color of an element to Hex 867AA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#867AA7 }
```

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

```
.background{ background-color:#867AA7 }
```

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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