

Converting Colors

Hex(867CA5)

Have a look what the booklet for
Hex(867CA5) contains.

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Color

Hex(867CA5)

Conversions

Conversions Part 1

Format	Color
Hex	867CA5
RGB	134, 124, 165
RGB Percent	53%, 49%, 65%
CMY	0.4745, 0.5137, 0.3529
CMYK	0.19, 0.25, 0.00, 0.35
HSL	255°, 19%, 57%
HSV	255°, 25%, 65%
XYZ	23.8307, 22.2002, 38.6264
YIQ	131.6640, -7.2010, 14.8710

Conversions

Conversions Part 2

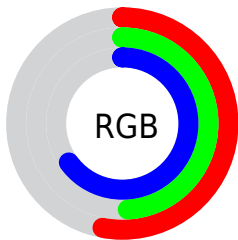
Format	Color
RYB	134, 124, 165
Decimal	8813733
CIELab	54.24, 12.53, -20.48
CIELCh	54, 24.009, 301.462
Yxy	22.2002, 0.2815, 0.2622
Android (android.graphics.Color)	4287003813 (0xFF867CA5)
YUV	131.6640, 16.4346, 2.0487
Hunter-Lab	47.1171, 7.8259, -15.6236

Details

The Hex color **867CA5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9BA57C**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **BCB1DC**, and **544B71** is the 20% darker color. If you saturate the color by 10%, you get **7A6BA5**, and if you desaturate by 10%, it is **928CA5**.

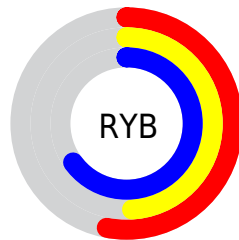
Distribution



Red (53%)

Green (49%)

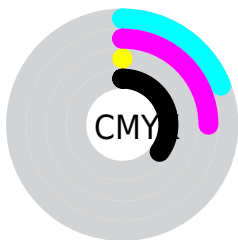
Blue (65%)



Red (53%)

Yellow (49%)

Blue (65%)

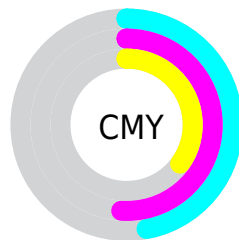


Cyan (19%)

Magenta (25%)

Yellow (0%)

Black (35%)



Cyan (47%)

Magenta (51%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 867CA5 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 867CA5 by changing the saturation by 10% instead.



867CA5



867CA5

FFFFFF



6C638B



BCB1DC



544B71



D8CCF9



3C3558



F4E8FF



251F41



11082B



000116



000000



867CA5



867CA5



7A6BA5



928CA5

6D5BA5

9F9DA5

614AA5

ABADA5

543AA5

B8BEA5

482AA5

C4CEA5

3B19A5

D1DFA5

2F08A5

DDEFA5

2800A5

EAFFA5

F6FFA5

Harmonies

Analogous

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



6883AB



867CA5



9D7596

Triad

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



867CA5



A17A5E



4B8D82

Complementary

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



867CA5



9BA57C

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.



618B6D



867CA5



8F8158

Square

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



867CA5



AA746D



79875E



408C97

Rectangle

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



867CA5



A77389



79875E



528D7B

Sweetspot

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



867CA5



CBC7D6



7C9BA5



65636B



EBEBEB



6B6B6B

Same Dimension

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



867CA5



A696D6



9A7CA5



4B4952



230091



040012

Inverse Universe

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



A57C9B



D696C7



87A57C



524950



91006E



12000D

Previews

White Background



This preview shows how the Hex color 867CA5 looks on a white background.

Color Contrast Check

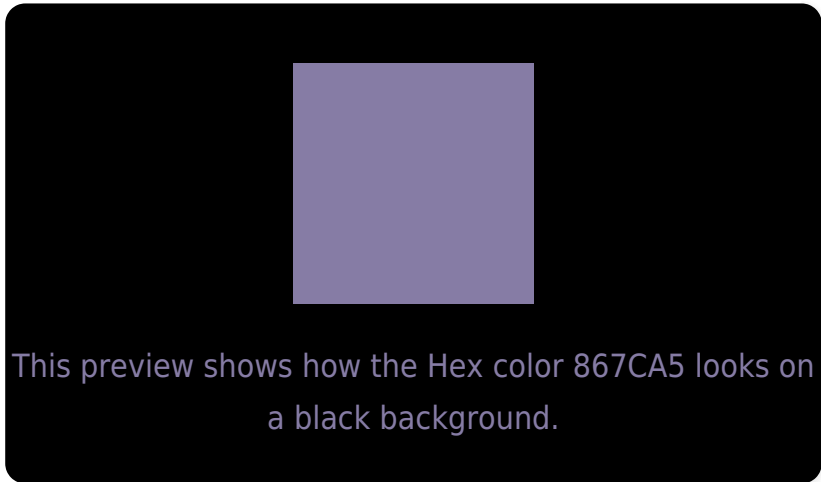
Large Text (above 18pt) WCAG AA ✓ Pass

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

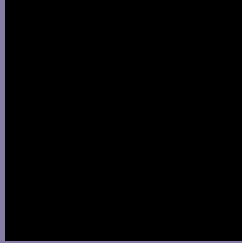
Any Text WCAG AA ✓ Pass

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 867CA5 Background



This preview shows how black text looks on a background with the Hex color 867CA5.

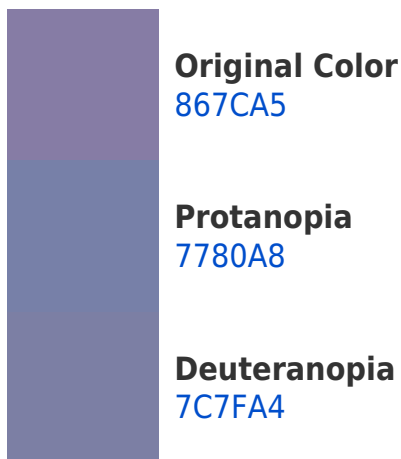


This preview shows how white text looks on a background with the Hex color 867CA5.

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
81818B

Trichromacy



Original Color
867CA5

Protanomaly
7C7FA7

Deuteranomaly
807EA4

Tritanomaly
837F94

Monochromacy



Original Color
867CA5

Achromatopsia
848484

Achromatomaly
858190

CSS Examples

Text

The CSS property to change the color of the text to Hex 867CA5 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 #867CA5 looks like.

```
.text, #text, p{  
    color:#867CA5  
}
```

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 #867CA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #867CA5  
}
```

Border

The CSS property to change the border of an element to Hex 867CA5 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  
#867CA5 }
```

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

```
.border{ border-color:#867CA5 }
```

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

Here you see how a box with a 4 pixel #867CA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #867CA5; -webkit-box-shadow:4px 4px  
4px 4px #867CA5; box-shadow:4px 4px 4px  
4px #867CA5 }
```

Background

The CSS property to change the background color of an element to Hex 867CA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#867CA5 }
```

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

```
.background{ background-color:#867CA5 }
```

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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