

Converting Colors

Hex(867BDE)

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

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Color

Hex(867BDE)

Conversions

Conversions Part 1

Format	Color
Hex	867BDE
RGB	134, 123, 222
RGB Percent	53%, 48%, 87%
CMY	0.4745, 0.5176, 0.1294
CMYK	0.40, 0.45, 0.00, 0.13
HSL	247°, 60%, 68%
HSV	247°, 45%, 87%
XYZ	30.0993, 24.5082, 72.2514
YIQ	137.5750, -25.2230, 33.1210

Conversions

Conversions Part 2

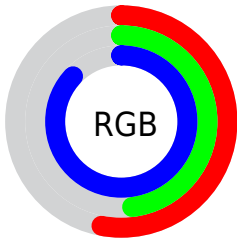
Format	Color
RYB	134, 123, 222
Decimal	8813534
CIELab	56.59, 27.91, -49.28
CIElCh	57, 56.637, 299.520
Yxy	24.5082, 0.2373, 0.1932
Android (android.graphics.Color)	4287003614 (0xFF867BDE)
YUV	137.5750, 41.6215, -3.1353
Hunter-Lab	49.5057, 21.8923, -51.8771

Details

The Hex color **867BDE** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **D3DE7B**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **BEB0FF**, and **4F4AA6** is the 20% darker color. If you saturate the color by 10%, you get **7265DE**, and if you desaturate by 10%, it is **9A91DE**.

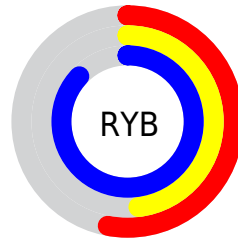
Distribution



Red (53%)

Green (48%)

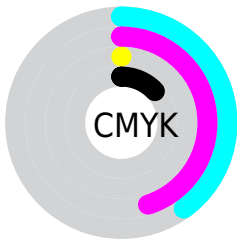
Blue (87%)



Red (53%)

Yellow (48%)

Blue (87%)

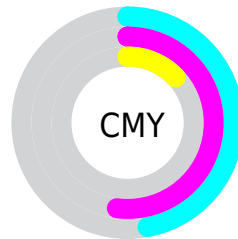


Cyan (40%)

Magenta (45%)

Yellow (0%)

Black (13%)



Cyan (47%)

Magenta (52%)

Yellow (13%)

Brightness & Saturation Gradients

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

 867BDE

 867BDE

FFFFFF

 6A62C2

 BEB0FF

 4F4AA6

 DBCBFF

 32338B

 F9E7FF

 0D1E71

 000A58

 000040

 000329

 000113

 000000

 867BDE

 867BDE

 7265DE

 9A91DE

 5F4FDE

 ADA7DE

 4B38DE

 C1BEDE

 3722DE

 D5D4DE

 230CDE

 E9EADE

 1900DE

 FCFFDE

 FFFFDE

Harmonies

Analogous

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



008EEB



867BDE



C266BB

Triad

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



867BDE



C87231



009F85

Complementary

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



867BDE



D3DE7B

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.



229B53



867BDE



A28518

Square

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



867BDE



DE5F5A



719329



009FB7

Rectangle

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



867BDE



D85B9B



719329



009E74

Sweetspot

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



867BDE



E2DEFF



7BD4DE



6D6B80



000000



808080

Same Dimension

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



867BDE



8575FF



B67BDE



666570



1400B0



050030

Inverse Universe

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



DE7BD3



FF75F0



A3DE7B



70656F



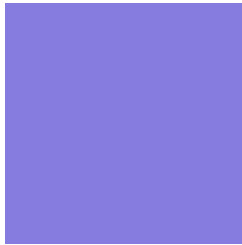
B0009C



30002B

Previews

White Background



This preview shows how the Hex color 867BDE 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

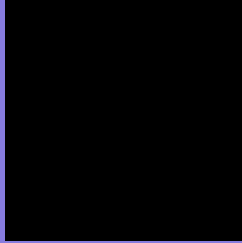
Any Text WCAG AA ✓ Pass

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 867BDE Background



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

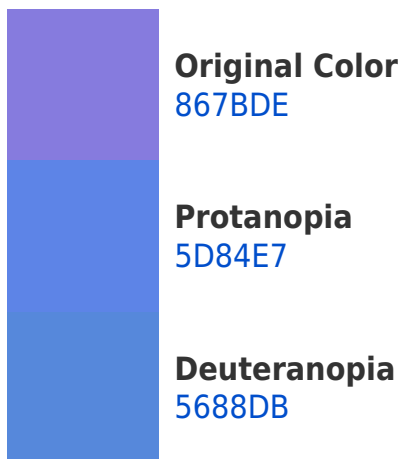


This preview shows how white text looks on a background with the Hex color 867BDE.

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](#).

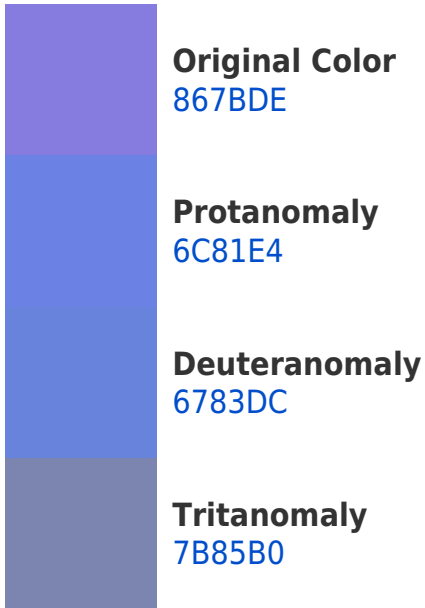
Dichromacy



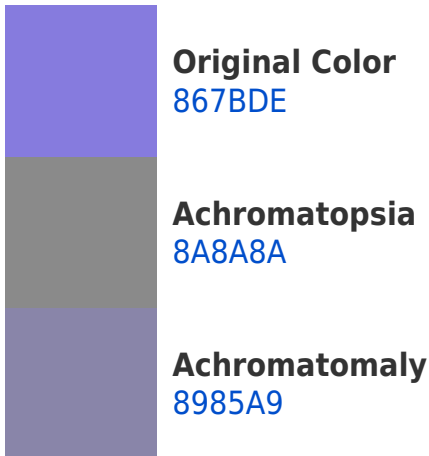


Tritanopia
758B96

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #867BDE colored shadow looks like.

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

Border

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

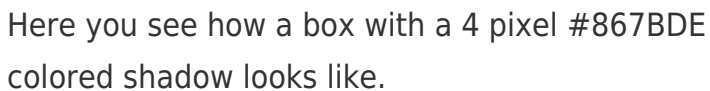
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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