

Converting Colors

Hex(839BE7)

Have a look what the booklet for
Hex(839BE7) contains.

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Color

Hex(839BE7)

Conversions

Conversions Part 1

Format	Color
Hex	839BE7
RGB	131, 155, 231
RGB Percent	51%, 61%, 91%
CMY	0.4863, 0.3922, 0.0941
CMYK	0.43, 0.33, 0.00, 0.09
HSL	226°, 68%, 71%
HSV	226°, 43%, 91%
XYZ	35.5052, 34.0375, 80.2999
YIQ	156.4880, -38.7000, 18.5480

Conversions

Conversions Part 2

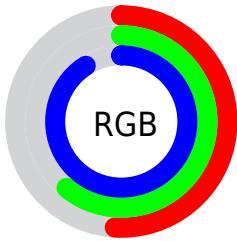
Format	Color
RYB	131, 150, 231
Decimal	8625127
CIELab	64.99, 10.99, -41.05
CIElCh	65, 42.500, 284.991
Yxy	34.0375, 0.2370, 0.2272
Android (android.graphics.Color)	4286815207 (0xFF839BE7)
YUV	156.4880, 36.7344, -22.3530
Hunter-Lab	58.3417, 6.5325, -40.7660

Details

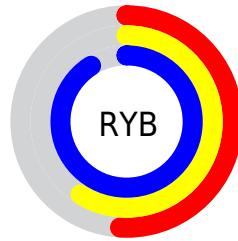
The Hex color **839BE7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E7CF83**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **BCD1FF**, and **4B68AF** is the 20% darker color. If you saturate the color by 10%, you get **6C89E7**, and if you desaturate by 10%, it is **9AADE7**.

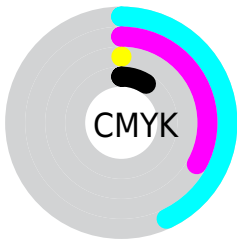
Distribution



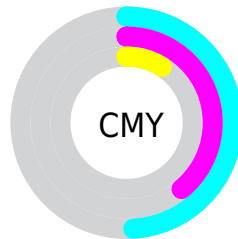
- Red (51%)
- Green (61%)
- Blue (91%)



- Red (51%)
- Yellow (59%)
- Blue (91%)



- Cyan (43%)
- Magenta (33%)
- Yellow (0%)
- Black (9%)



- Cyan (49%)
- Magenta (39%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 839BE7 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 839BE7 by changing the saturation by 10% instead.

839BE7

839BE7

FFFFFF

6781CB

BCD1FF

4B68AF

D8EDFF

2D5094

F6FFFF

013A7A

002561

001048

000431

00011B

000000

 839BE7

 839BE7

 6C89E7

 9AADE7

 5578E7

 B1BEE7

 3E66E7

 C8D0E7

 2755E7

 DFE1E7

 1043E7

 F7F3E7

 0037E7

 FFFFE7

Harmonies

Analogous

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



2FA7E7



839BE7



BA8DD4

Triad

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



839BE7



DE886A



41B089

Complementary

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



839BE7



E7CF83

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.



78AB66



839BE7



C69554

Square

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



839BE7



E77F8C



A3A252



00B1B0

Rectangle

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



839BE7



D284BF



A3A252



56AF7C

Sweetspot

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



839BE7



DEE6FF



83E7CE



6B7080



000000



808080

Same Dimension

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



839BE7



7A9AFF



9C83E7



676A73



002BB3



000C33

Inverse Universe

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



E7839B



FF7A9A



CEE783



73676A



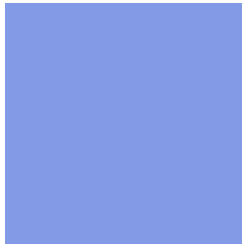
B3002B



33000C

Previews

White Background



This preview shows how the Hex color 839BE7 looks on a white background.

Color Contrast Check

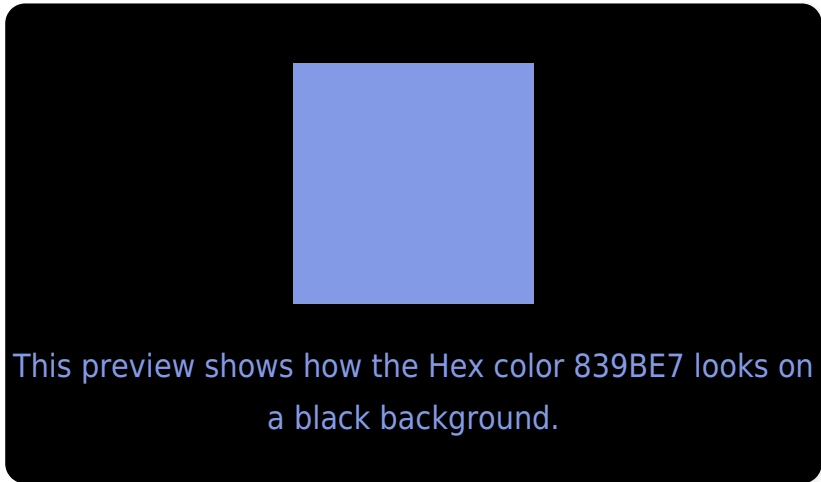
Large Text (above 18pt) WCAG AA × Fail

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

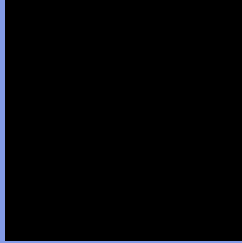
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 839BE7 Background



This preview shows how black text looks on a background with the Hex color 839BE7.



This preview shows how white text looks on a background with the Hex color 839BE7.

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](#).

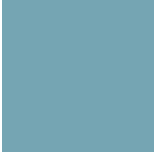
Dichromacy



Original Color
839BE7

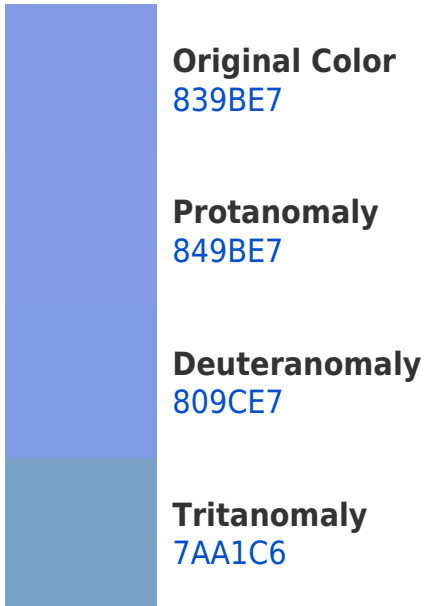
Protanopia
849BE7

Deuteranopia
7E9CE7

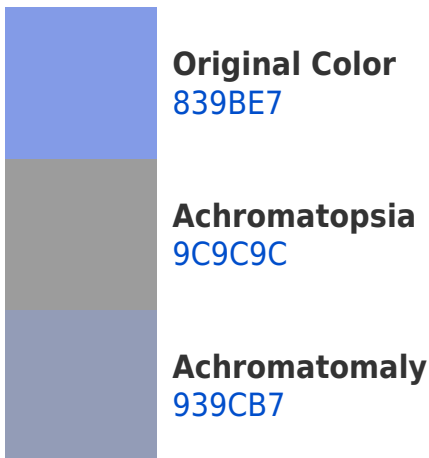


Tritanopia
75A5B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 839BE7 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 #839BE7 looks like.

```
.text, #text, p{  
    color:#839BE7  
}
```

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 #839BE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #839BE7
}
```

Border

The CSS property to change the border of an element to Hex 839BE7 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
#839BE7 }
```

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

```
.border{ border-color:#839BE7 }
```

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

Here you see how a box with a 4 pixel #839BE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #839BE7; -webkit-box-shadow:4px 4px  
4px 4px #839BE7; box-shadow:4px 4px 4px  
4px #839BE7 }
```

Background

The CSS property to change the background color of an element to Hex 839BE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#839BE7 }
```

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

```
.background{ background-color:#839BE7 }
```

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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