

Converting Colors

Hex(869BCF)

Have a look what the booklet for
Hex(869BCF) contains.

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Color

Hex(869BCF)

Conversions

Conversions Part 1

Format	Color
Hex	869BCF
RGB	134, 155, 207
RGB Percent	53%, 61%, 81%
CMY	0.4745, 0.3922, 0.1882
CMYK	0.35, 0.25, 0.00, 0.19
HSL	223°, 43%, 67%
HSV	223°, 35%, 81%
XYZ	32.8153, 33.0160, 63.6747
YIQ	154.6490, -29.2080, 11.7200

Conversions

Conversions Part 2

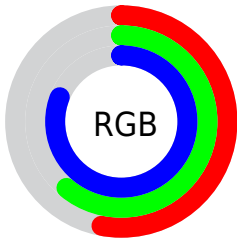
Format	Color
RYB	134, 150, 207
Decimal	8821711
CIELab	64.17, 5.19, -29.02
CIElCh	64, 29.479, 280.136
Yxy	33.0160, 0.2534, 0.2549
Android (android.graphics.Color)	4287011791 (0xFF869BCF)
YUV	154.6490, 25.8090, -18.1092
Hunter-Lab	57.4596, 1.3877, -25.4814

Details

The Hex color **869BCF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CFBA86**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **BDD1FF**, and **516898** is the 20% darker color. If you saturate the color by 10%, you get **718CCF**, and if you desaturate by 10%, it is **9BAACF**.

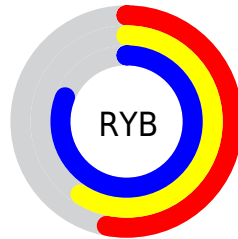
Distribution



Red (53%)

Green (61%)

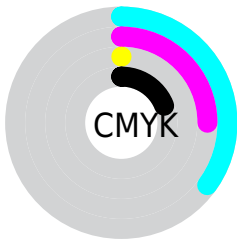
Blue (81%)



Red (53%)

Yellow (59%)

Blue (81%)

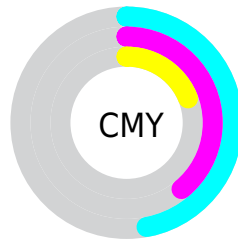


Cyan (35%)

Magenta (25%)

Yellow (0%)

Black (19%)



Cyan (47%)

Magenta (39%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 869BCF 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 869BCF by changing the saturation by 10% instead.

 869BCF

 869BCF

FFFFFF

 6B81B3

 BDD1FF

 516898

 D9EEFF

 37507E

 F6FFFF

 1C3965

 00244D

 000F36

 000220

 000004

 000000

 869BCF

 869BCF

 718CCF

 9BAACF

 5D7ECF

 AFB8CF

 486FCF

 C4C7CF

 3360CF

 D9D6CF

 1E51CF

 EEE5CF

 0A43CF

 FFF3CF

 003CCF

 FFFF CF

Harmonies

Analogous

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



5FA3CC



869BCF



AA92C4

Triad

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



869BCF



CC8C7B



69A989

Complementary

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



869BCF



CFBA86

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.



88A473



869BCF



BD946B

Square

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



869BCF



D08893



A59D67



4DAAA4

Rectangle

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



869BCF



BD8CB6



A59D67



73A781

Sweetspot

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



869BCF



E3EBFF



86CFB9



6F7480



000000



808080

Same Dimension

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



869BCF



94B3FF



9586CF



5E6169



0030A8



000C29

Inverse Universe

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



CF869B



FF94B3



C0CF86



695E61



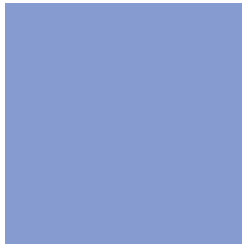
A80030



29000C

Previews

White Background



This preview shows how the Hex color 869BCF looks on a white background.

Color Contrast Check

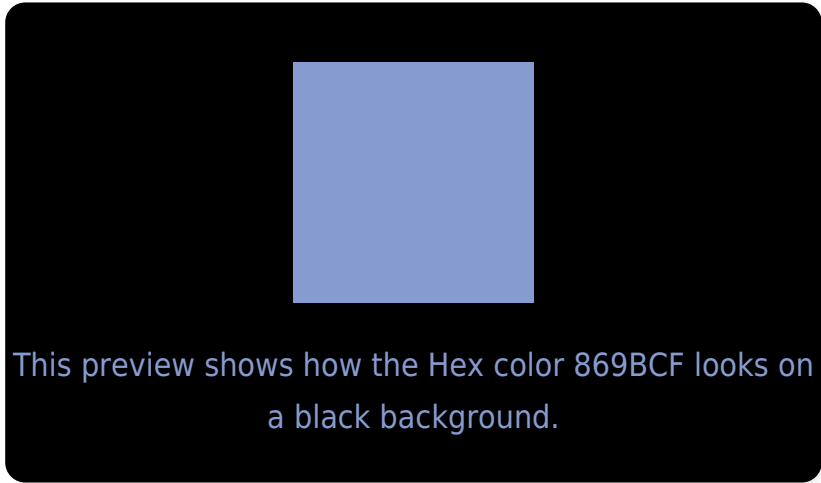
Large Text (above 18pt) WCAG AA × Fail

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

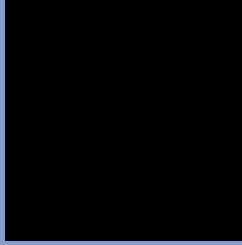
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

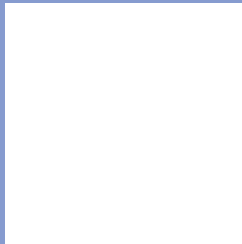
Any Text WCAG AAA ✓ Pass

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

Hex 869BCF Background



This preview shows how black text looks on a background with the Hex color 869BCF.



This preview shows how white text looks on a background with the Hex color 869BCF.

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
869BCF

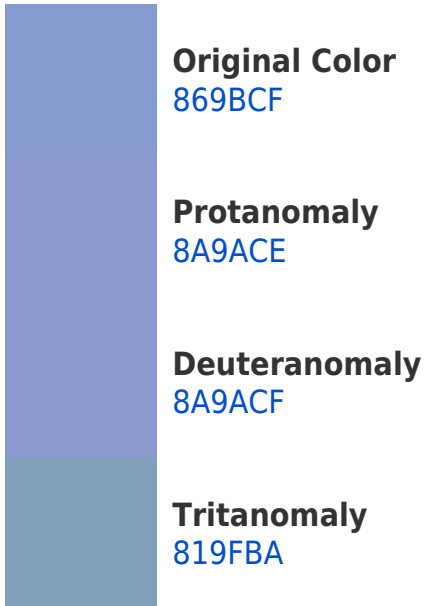
Protanopia
8D99CE

Deuteranopia
8D99CF

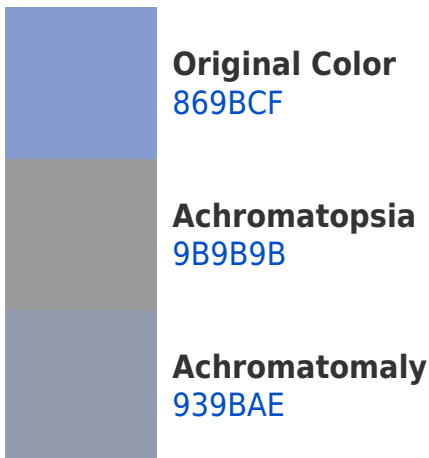


Tritanopia
7EA1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 869BCF 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 #869BCF looks like.

```
.text, #text, p{  
    color:#869BCF  
}
```

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 #869BCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #869BCF
}
```

Border

The CSS property to change the border of an element to Hex 869BCF 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
#869BCF }
```

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

```
.border{ border-color:#869BCF }
```

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

Here you see how a box with a 4 pixel #869BCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #869BCF; -webkit-box-shadow:4px 4px  
4px 4px #869BCF; box-shadow:4px 4px 4px  
4px #869BCF }
```

Background

The CSS property to change the background color of an element to Hex 869BCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#869BCF }
```

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

```
.background{ background-color:#869BCF }
```

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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