

Converting Colors

Hex(869EDB)

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

Hex(869EDB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(869EDB)

Conversions

Conversions Part 1

Format	Color
Hex	869EDB
RGB	134, 158, 219
RGB Percent	53%, 62%, 86%
CMY	0.4745, 0.3804, 0.1412
CMYK	0.39, 0.28, 0.00, 0.14
HSL	223°, 54%, 69%
HSV	223°, 39%, 86%
XYZ	34.8446, 34.6365, 71.8668
YIQ	157.7780, -33.8850, 13.8830

Conversions

Conversions Part 2

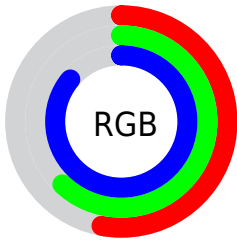
Format	Color
RYB	134, 153, 219
Decimal	8822491
CIELab	65.46, 6.71, -33.68
CIELCh	65, 34.341, 281.268
Yxy	34.6365, 0.2465, 0.2450
Android (android.graphics.Color)	4287012571 (0xFF869EDB)
YUV	157.7780, 30.1824, -20.8533
Hunter-Lab	58.8528, 2.6908, -31.2038

Details

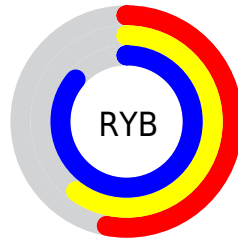
The Hex color **869EDB** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DBC386**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **BED4FF**, and **506BA4** is the 20% darker color. If you saturate the color by 10%, you get **708EDB**, and if you desaturate by 10%, it is **9CAEDB**.

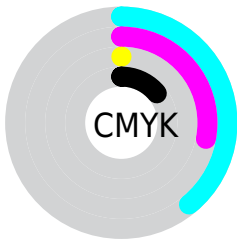
Distribution



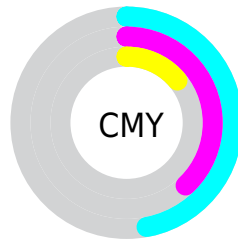
- Red (53%)
- Green (62%)
- Blue (86%)



- Red (53%)
- Yellow (60%)
- Blue (86%)



- Cyan (39%)
- Magenta (28%)
- Yellow (0%)
- Black (14%)



- Cyan (47%)
- Magenta (38%)
- Yellow (14%)

Brightness & Saturation Gradients

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

 869EDB

 869EDB

FFFFFF

 6B84BF

 BED4FF

 506BA4

 DAF1FF

 355389

 F7FFFF

 163C70

 002757

 00123F

 000329

 000113

 000000

 869EDB

 869EDB

 708EDB

 9CAEDB

 5A7FDB

 B2BDDB

 446FDB

 C8CDDB

 2E5FDB

 DEDDDB

 194FDB

 F4EDDB

 0340DB

 FFFCDB

 003EDB

 FFFFDB

Harmonies

Analogous

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



53A8D9



869EDB



B293CD

Triad

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



869EDB



D78D78



60AE8A

Complementary

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



869EDB



DBC386

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.



86A970



869EDB



C49665

Square

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



869EDB



DB8794



A8A162



38B0AA

Rectangle

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



869EDB



C78CBD



A8A162



6DAD80

Sweetspot

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



869EDB



E0E9FF



86DBC3



6E7380



000000



808080

Same Dimension

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



869EDB



87A9FF



9886DB



63666E



0031AD



000D2E

Inverse Universe

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



DB869E



FF87A9



C9DB86



6E6366



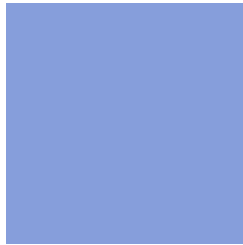
AD0031



2E000D

Previews

White Background



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

Color Contrast Check

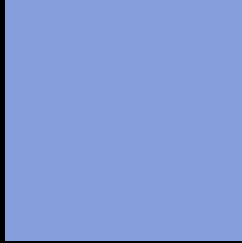
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 869EDB looks on a 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 869EDB Background



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



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

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

869EDB

Protanopia

8C9CDA

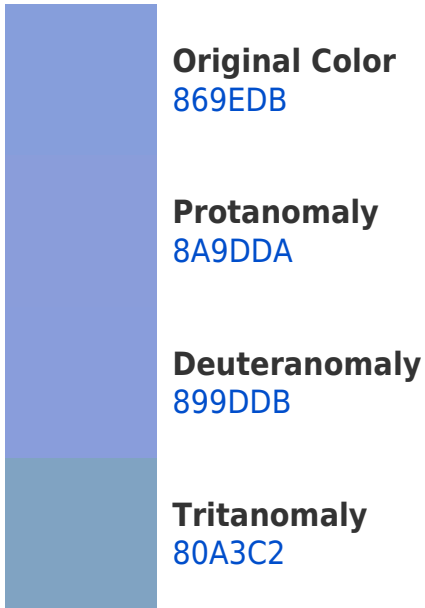
Deuteranopia

8B9DDB

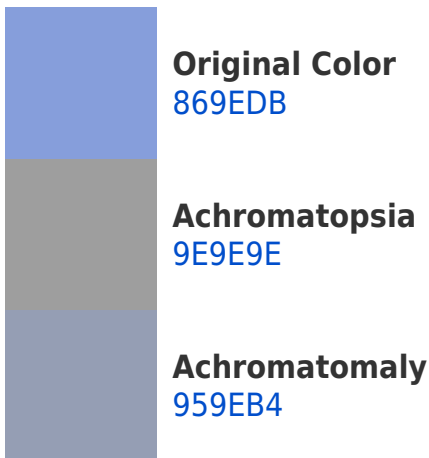


Tritanopia
7CA6B3

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #869EDB colored shadow looks like.

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

Border

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

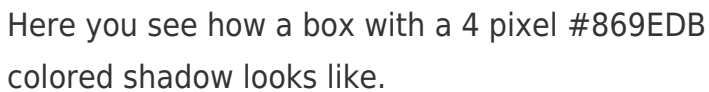
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#869EDB }
```

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

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

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



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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor