

Converting Colors

Hex(869DEC)

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

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Color

Hex(869DEC)

Conversions

Conversions Part 1

Format	Color
Hex	869DEC
RGB	134, 157, 236
RGB Percent	53%, 62%, 93%
CMY	0.4745, 0.3843, 0.0745
CMYK	0.43, 0.33, 0.00, 0.07
HSL	226°, 73%, 73%
HSV	226°, 43%, 93%
XYZ	37.0288, 35.2384, 84.2069
YIQ	159.1290, -39.0670, 19.6930

Conversions

Conversions Part 2

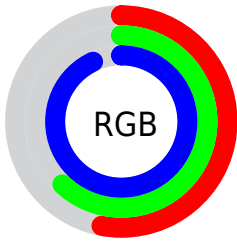
Format	Color
RYB	134, 153, 236
Decimal	8822252
CIELab	65.93, 12.01, -42.31
CIELCh	66, 43.987, 285.850
Yxy	35.2384, 0.2366, 0.2252
Android (android.graphics.Color)	4287012332 (0xFF869DEC)
YUV	159.1290, 37.8974, -22.0381
Hunter-Lab	59.3619, 7.4614, -42.5515

Details

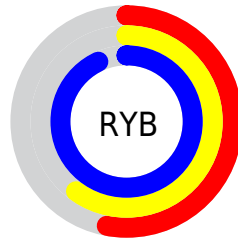
The Hex color **869DEC** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **ECD586**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **BFD3FF**, and **4E6AB4** is the 20% darker color. If you saturate the color by 10%, you get **6E8BEC**, and if you desaturate by 10%, it is **9EAFEC**.

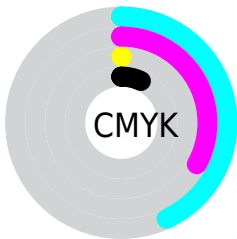
Distribution



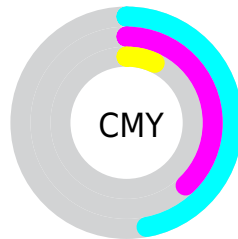
- Red (53%)
- Green (62%)
- Blue (93%)



- Red (53%)
- Yellow (60%)
- Blue (93%)



- Cyan (43%)
- Magenta (33%)
- Yellow (0%)
- Black (7%)



- Cyan (47%)
- Magenta (38%)
- Yellow (7%)

Brightness & Saturation Gradients

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

 869DEC

 869DEC

FFFFFF

 6A83D0

 BFD3FF

 4E6AB4

 DCF0FF

 305299

 F9FFFF

 063B7E

 002665

 00134C

 000535

 00021F

 000002

■ 869DEC

■ 869DEC

■ 6E8BEC

■ 9EAFEC

■ 5778EC

■ B5C2EC

■ 3F66EC

■ CDD4EC

■ 2854EC

■ E4E6EC

■ 1042EC

■ FCF8EC

■ 0035EC

■ FFFFEC

Harmonies

Analogous

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



2CAAEC



869DEC



BE8ED7

Triad

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



869DEC



E28969



3CB38C

Complementary

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



869DEC



ECD586

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.



77AE67



869DEC



C89753

Square

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



869DEC



EC808D



A4A552



00B5B4

Rectangle

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



869DEC



D885C1



A4A552



53B27F

Sweetspot

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



869DEC



DEE5FF



86ECD4



6B7080



000000



808080

Same Dimension

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



869DEC



7A98FF



A186EC



6A6C75



0029B5



000C36

Inverse Universe

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



EC869D



FF7A98



D1EC86



756A6C



B50029



36000C

Previews

White Background



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

Color Contrast Check

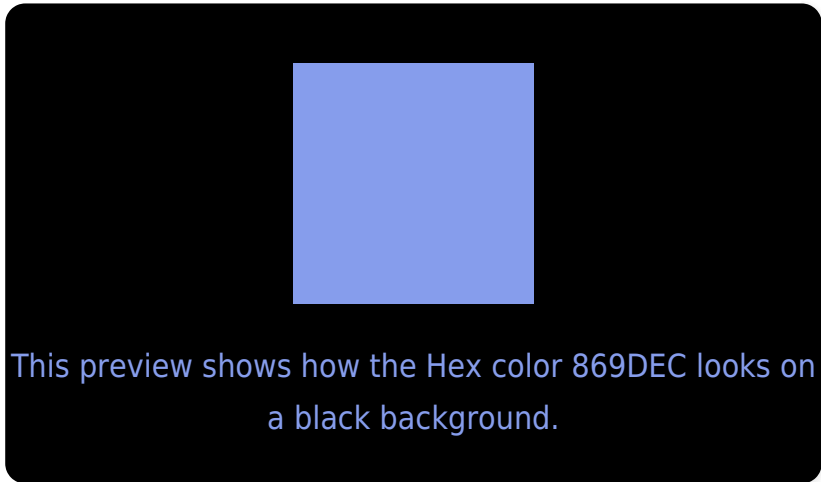
Large Text (above 18pt) WCAG AA × Fail

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

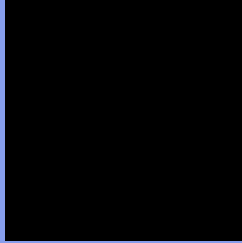
Any Text WCAG AA ✓ Pass

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 869DEC Background



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



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

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
869DEC

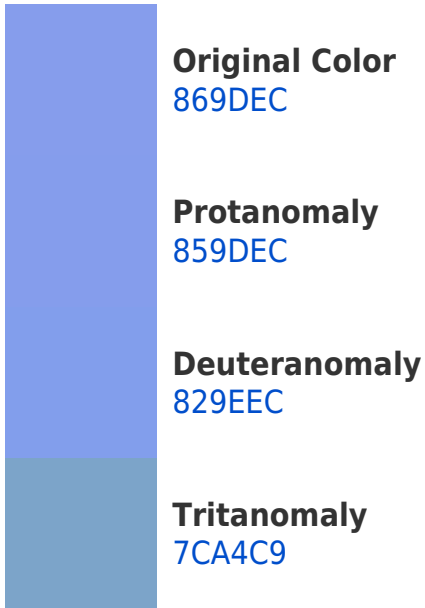
Protanopia
859DEC

Deuteranopia
7F9FEC

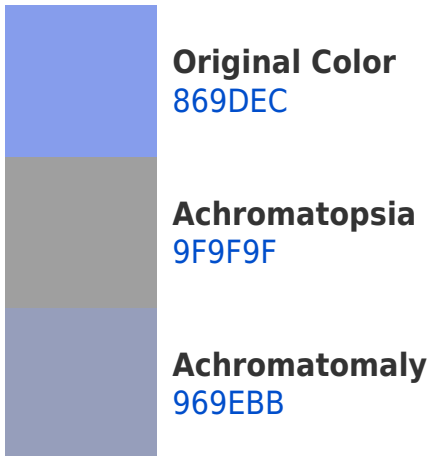


Tritanopia
77A8B5

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #869DEC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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