

# Converting Colors

Hex(869DE5)

Have a look what the booklet for  
Hex(869DE5) contains.

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# **Color**

**Hex(869DE5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	869DE5
RGB	134, 157, 229
RGB Percent	53%, 62%, 90%
CMY	0.4745, 0.3843, 0.1020
CMYK	0.41, 0.31, 0.00, 0.10
HSL	225°, 65%, 71%
HSV	225°, 41%, 90%
XYZ	36.0313, 34.8394, 78.9544
YIQ	158.3310, -36.8200, 17.5160

# Conversions

## Conversions Part 2

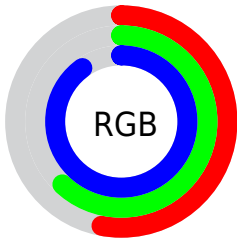
Format	Color
<a href="#">RYB</a>	<a href="#">134, 153, 229</a>
Decimal	<a href="#">8822245</a>
CIELab	<a href="#">65.62, 10.04, -38.95</a>
CIELCh	<a href="#">66, 40.225, 284.458</a>
Yxy	<a href="#">34.8394, 0.2405, 0.2325</a>
Android (android.graphics.Color)	<a href="#">4287012325</a> ( <a href="#">0xFF869DE5</a> )
YUV	<a href="#">158.3310, 34.8398, -21.3383</a>
Hunter-Lab	<a href="#">59.0249, 5.6704, -37.9915</a>

# Details

The Hex color **869DE5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E5CE86**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **BED3FF**, and **4F6AAD** is the 20% darker color. If you saturate the color by 10%, you get **6F8CE5**, and if you desaturate by 10%, it is **9DAEE5**.

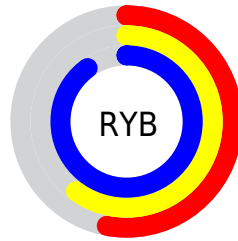
# Distribution



Red (53%)

Green (62%)

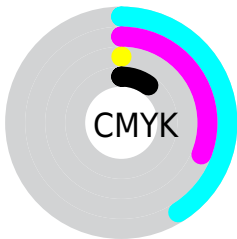
Blue (90%)



Red (53%)

Yellow (60%)

Blue (90%)

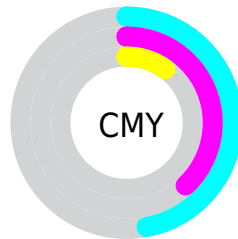


Cyan (41%)

Magenta (31%)

Yellow (0%)

Black (10%)



Cyan (47%)

Magenta (38%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 869DE5 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 869DE5 by changing the saturation by 10% instead.



 869DE5

 869DE5

FFFFFF

 6A83C9

 BED3FF

 4F6AAD

 DBF0FF

 325292

 F9FFFF

 0E3B78

 00265F

 001247

 000430

 00011A

 000000

 869DE5

 869DE5

 6F8CE5

 9DAEE5

 587AE5

 B4C0E5

 4169E5

 CBD1E5

 2A58E5

 E2E2E5

 1446E5

 F9F4E5

 0037E5

 FFFFE5

# Harmonies

## Analogous

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



3FA8E4



869DE5



B98FD3

# Triad

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



869DE5



DD8A6E



4CB18B

# Complementary

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



869DE5



E5CE86

# 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.



7DAC6A



869DE5



C6975A

# Square

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



869DE5



E5838F



A5A358



00B2B0

# Rectangle

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



869DE5



D188BF



A5A358



5EB07F



# Sweetspot

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



869DE5



E0E8FF



86E5CD



6E7280



000000



808080



# Same Dimension

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



869DE5



809EFF



9E86E5



676A73



002BB3



000C33



# Inverse Universe

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



E5869D



FF809E



CDE586



73676A



B3002B

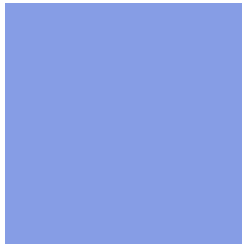


33000C



# Previews

## White Background



This preview shows how the Hex color 869DE5 looks on a white background.

## Color Contrast Check

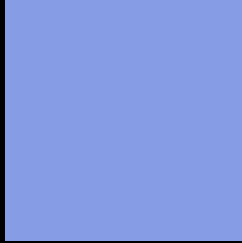
Large Text (above 18pt) WCAG AA × Fail

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 869DE5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

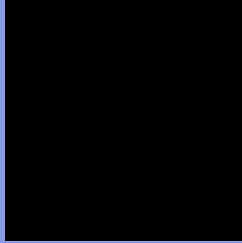
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 869DE5 Background



This preview shows how black text looks on a background with the Hex color 869DE5.



This preview shows how white text looks on a background with the Hex color 869DE5.

# 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**  
869DE5

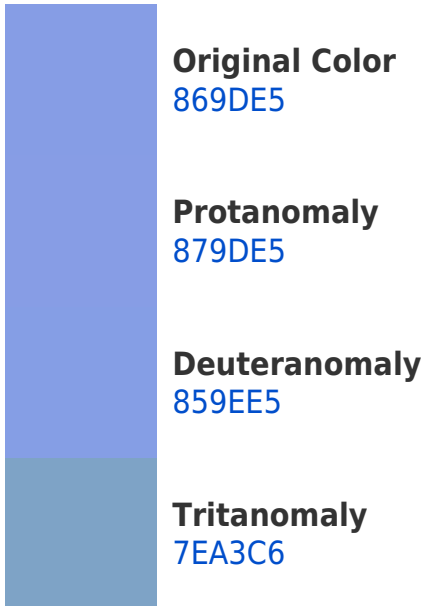
**Protanopia**  
889DE5

**Deuteranopia**  
849EE5

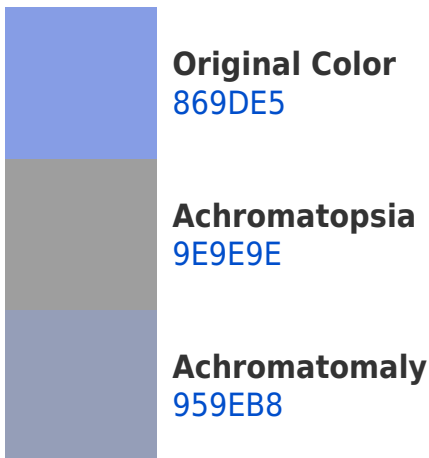


**Tritanopia**  
79A7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 869DE5 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 #869DE5 looks like.

```
.text, #text, p{  
    color:#869DE5  
}
```

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 #869DE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #869DE5  
}
```

## Border

The CSS property to change the border of an element to Hex 869DE5 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  
#869DE5 }
```

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

```
.border{ border-color:#869DE5 }
```

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

Here you see how a box with a 4 pixel #869DE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #869DE5; -webkit-box-shadow:4px 4px  
4px 4px #869DE5; box-shadow:4px 4px 4px  
4px #869DE5 }
```

# Background

The CSS property to change the background color of an element to Hex 869DE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#869DE5 }
```

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

```
.background{ background-color:#869DE5 }
```

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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