

# Converting Colors

Hex(7E9DE9)

Have a look what the booklet for  
Hex(7E9DE9) contains.

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# **Color**

**Hex(7E9DE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E9DE9
RGB	126, 157, 233
RGB Percent	49%, 62%, 91%
CMY	0.5059, 0.3843, 0.0863
CMYK	0.46, 0.33, 0.00, 0.09
HSL	223°, 71%, 70%
HSV	223°, 46%, 91%
XYZ	35.3691, 34.4328, 81.8728
YIQ	156.3950, -42.8720, 17.0640

# Conversions

## Conversions Part 2

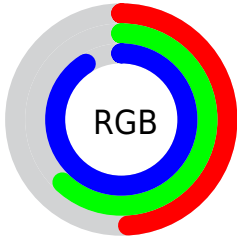
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	126, 150, 233
Decimal	8297961
CIE Lab	65.30, 9.19, -41.69
CIE LCh	65, 42.688, 282.428
Yxy	34.4328, 0.2332, 0.2270
Android (android.graphics.Color)	4286488041 (0xFF7E9DE9)
YUV	156.3950, 37.7663, -26.6564
Hunter-Lab	58.6794, 4.9022, -41.6491

# Details

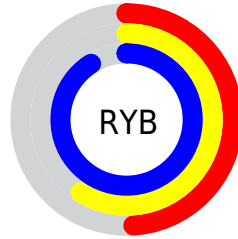
The Hex color **7E9DE9** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E9CA7E**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **B7D3FF**, and **456AB1** is the 20% darker color. If you saturate the color by 10%, you get **678CE9**, and if you desaturate by 10%, it is **95AEE9**.

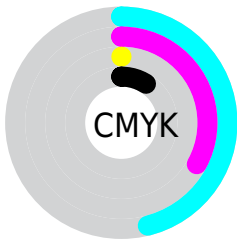
# Distribution



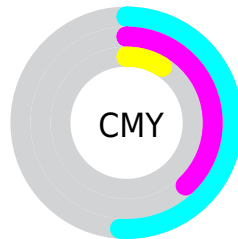
- Red (49%)
- Green (62%)
- Blue (91%)



- Red (49%)
- Yellow (59%)
- Blue (91%)



- Cyan (46%)
- Magenta (33%)
- Yellow (0%)
- Black (9%)



- Cyan (51%)
- Magenta (38%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E9DE9 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 7E9DE9 by changing the saturation by 10% instead.



■ 7E9DE9

■ 7E9DE9

FFFFFF

■ 6283CD

■ B7D3FF

■ 456AB1

■ D4F0FF

■ 255296

■ F1FFFF

■ 003C7C

■ 002662

■ 00124A

■ 000433

■ 00021D

■ 000000

 7E9DE9

 7E9DE9

 678CE9


 95AEE9

 4F7CE9

 ADBEE9

 386BE9

 C4CFE9

 215BE9

 DBDFE9

 0A4AE9

 F3F0E9

 0044E9

 FFFFE9

# Harmonies

## Analogous

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



23A9E7



7E9DE9



B78FD7

# Triad

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



7E9DE9



E1876D



47B186

# Complementary

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



7E9DE9



E9CA7E

# 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.



7DAB64



7E9DE9



C99455

# Square

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



7E9DE9



E88090



A7A152



00B2AE

# Rectangle

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



7E9DE9



D186C3



A7A152



5BAF7A



# Sweetspot

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



7E9DE9



DBE6FF



7EE9C9



6A7080



000000



808080



# Same Dimension

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



7E9DE9



739BFF



937EE9



6A6D75



0034B5



001036



# Inverse Universe

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



E97E9D



FF739B



D4E97E



756A6D



B50034

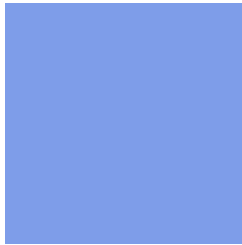


360010



# Previews

## White Background



This preview shows how the Hex color 7E9DE9 looks on a white background.

## Color Contrast Check

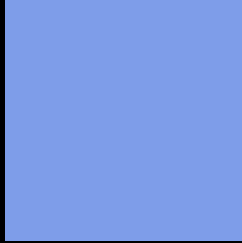
Large Text (above 18pt) WCAG AA × Fail

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 7E9DE9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

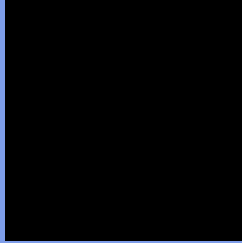
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7E9DE9 Background



This preview shows how black text looks on a background with the Hex color 7E9DE9.



This preview shows how white text looks on a background with the Hex color 7E9DE9.

# 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**  
7E9DE9

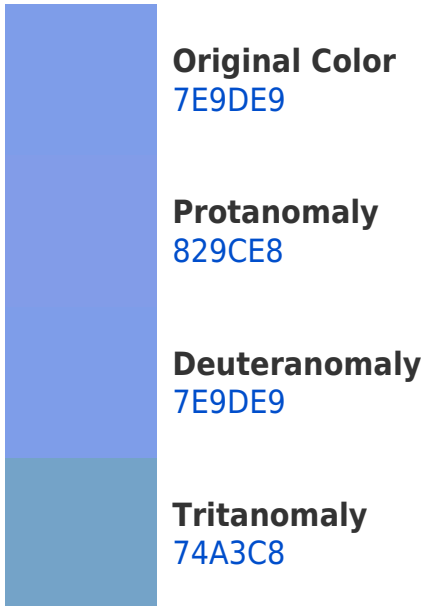
**Protanopia**  
859CE8

**Deuteranopia**  
7E9DE9

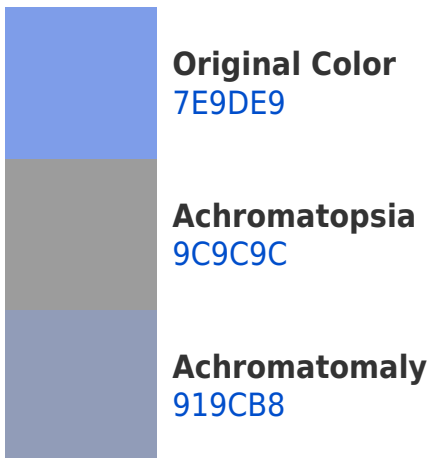


**Tritanopia**  
6FA7B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E9DE9 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 #7E9DE9 looks like.

```
.text, #text, p{  
    color:#7E9DE9  
}
```

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 #7E9DE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E9DE9
}
```

## Border

The CSS property to change the border of an element to Hex 7E9DE9 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
#7E9DE9 }
```

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

```
.border{ border-color:#7E9DE9 }
```

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

Here you see how a box with a 4 pixel #7E9DE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E9DE9; -webkit-box-shadow:4px 4px  
4px 4px #7E9DE9; box-shadow:4px 4px 4px  
4px #7E9DE9 }
```

# Background

The CSS property to change the background color of an element to Hex 7E9DE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E9DE9 }
```

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

```
.background{ background-color:#7E9DE9 }
```

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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