

# Converting Colors

Hex(7A9DEB)

Have a look what the booklet for  
Hex(7A9DEB) contains.

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# Color

Hex(7A9DEB)

# Conversions

## Conversions Part 1

Format	Color
Hex	7A9DEB
RGB	122, 157, 235
RGB Percent	48%, 62%, 92%
CMY	0.5216, 0.3843, 0.0784
CMYK	0.48, 0.33, 0.00, 0.08
HSL	221°, 74%, 70%
HSV	221°, 48%, 92%
XYZ	35.0784, 34.2497, 83.3593
YIQ	155.4270, -45.8980, 16.8380

# Conversions

## Conversions Part 2

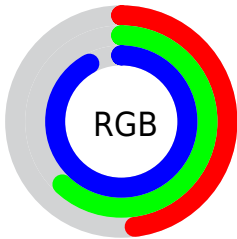
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	122, 149, 235
Decimal	8035819
CIELab	65.16, 8.82, -43.03
CIELCh	65, 43.925, 281.585
Yxy	34.2497, 0.2297, 0.2243
Android (android.graphics.Color)	4286225899 (0xFF7A9DEB)
YUV	155.4270, 39.2295, -29.3155
Hunter-Lab	58.5232, 4.5760, -43.4852

# Details

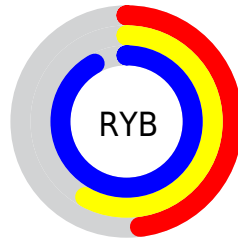
The Hex color **7A9DEB** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **EBC87A**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **B3D3FF**, and **406AB3** is the 20% darker color. If you saturate the color by 10%, you get **628DEB**, and if you desaturate by 10%, it is **92ADEB**.

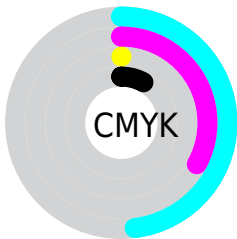
# Distribution



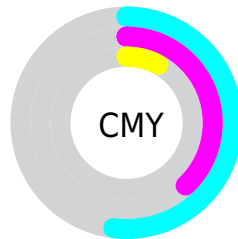
- Red (48%)
- Green (62%)
- Blue (92%)



- Red (48%)
- Yellow (58%)
- Blue (92%)



- Cyan (48%)
- Magenta (33%)
- Yellow (0%)
- Black (8%)



- Cyan (52%)
- Magenta (38%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A9DEB 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 7A9DEB by changing the saturation by 10% instead.



 7A9DEB

 7A9DEB

FFFFFF

 5D83CF

 B3D3FF

 406AB3

 D0F0FF

 1D5298

 EEEFFF

 003C7D

 002764

 00124C

 000434

 00021E

 000000

 7A9DEB

 7A9DEB

 628DEB

 92ADEB

 4B7DEB

 A9BDEB

 346CEB

 C1CEEB

 1C5CEB

 D8DEEB

 044CEB

 F0EEEB

 0049EB

 FFFEEB

 FFFFEB

# Harmonies

## Analogous

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



04A9E8



7A9DEB



B58ED9

# Triad

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



7A9DEB



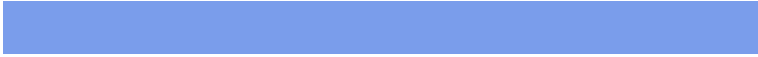
E2866C



44B184

# Complementary

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



7A9DEB



EBC87A

# 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.



7CAB61



7A9DEB



CB9353

# Square

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



7A9DEB



E97E90



A7A14F



00B3AD

# Rectangle

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



7A9DEB



D185C4



A7A14F



5AAF77



# Sweetspot

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



7A9DEB



DBE6FF



7AEBC7



6A7180



000000



808080



# Same Dimension

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



7A9DEB



6B99FF



8F7AEB



6A6D75



0038B5



001136



# Inverse Universe

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



EB7A9D



FF6B99



D6EB7A



756A6D



B50038

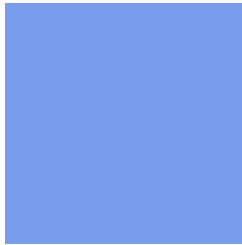


360011



# Previews

## White Background



This preview shows how the Hex color 7A9DEB looks on a white background.

## Color Contrast Check

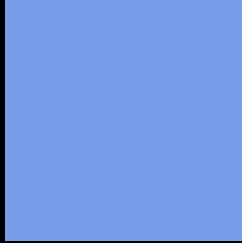
Large Text (above 18pt) WCAG AA × Fail

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 7A9DEB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

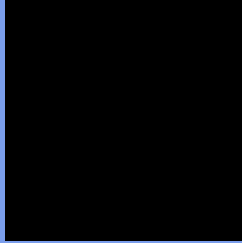
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

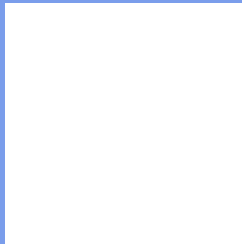
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7A9DEB Background



This preview shows how black text looks on a background with the Hex color 7A9DEB.



This preview shows how white text looks on a background with the Hex color 7A9DEB.

# 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](#).

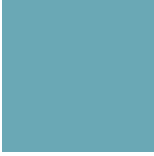
## Dichromacy



**Original Color**  
7A9DEB

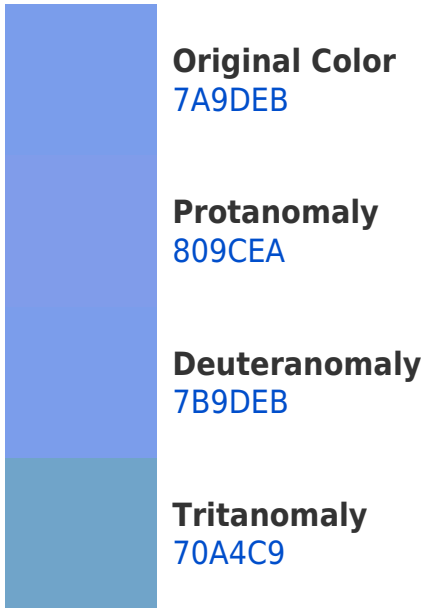
**Protanopia**  
839BE9

**Deuteranopia**  
7B9DEB

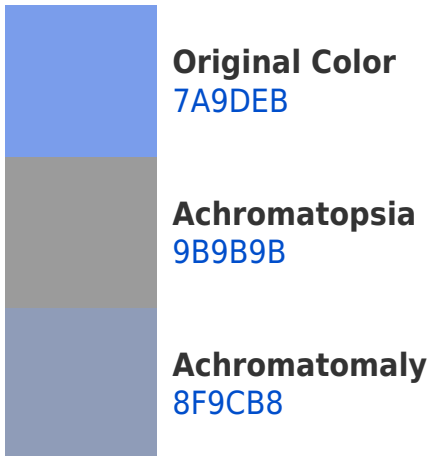


**Tritanopia**  
6AA8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A9DEB 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 #7A9DEB looks like.

```
.text, #text, p{  
    color:#7A9DEB  
}
```

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 #7A9DEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A9DEB
}
```

## Border

The CSS property to change the border of an element to Hex 7A9DEB 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
#7A9DEB }
```

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

```
.border{ border-color:#7A9DEB }
```

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

Here you see how a box with a 4 pixel #7A9DEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A9DEB; -webkit-box-shadow:4px 4px  
4px 4px #7A9DEB; box-shadow:4px 4px 4px  
4px #7A9DEB }
```

# Background

The CSS property to change the background color of an element to Hex 7A9DEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A9DEB }
```

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

```
.background{ background-color:#7A9DEB }
```

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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