

# Converting Colors

Hex(7A99EA)

Have a look what the booklet for  
Hex(7A99EA) contains.

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# **Color**

**Hex(7A99EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A99EA
RGB	122, 153, 234
RGB Percent	48%, 60%, 92%
CMY	0.5216, 0.4000, 0.0824
CMYK	0.48, 0.35, 0.00, 0.08
HSL	223°, 73%, 70%
HSV	223°, 48%, 92%
XYZ	34.2686, 32.8606, 82.3785
YIQ	152.9650, -44.4770, 18.6190

# Conversions

## Conversions Part 2

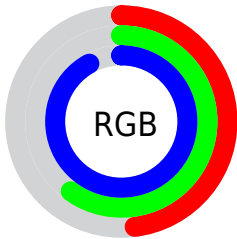
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	122, 146, 234
Decimal	8034794
CIE Lab	64.05, 10.83, -44.23
CIE LCh	64, 45.536, 283.764
Yxy	32.8606, 0.2292, 0.2198
Android (android.graphics.Color)	4286224874 (0xFF7A99EA)
YUV	152.9650, 39.9503, -27.1563
Hunter-Lab	57.3241, 6.3907, -45.0767

# Details

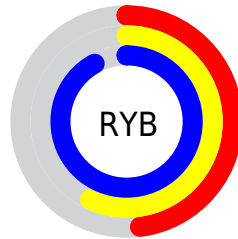
The Hex color **7A99EA** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **EACB7A**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **B3CFFF**, and **4066B2** is the 20% darker color. If you saturate the color by 10%, you get **6388EA**, and if you desaturate by 10%, it is **91AAEA**.

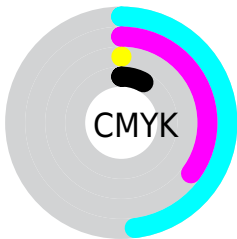
# Distribution



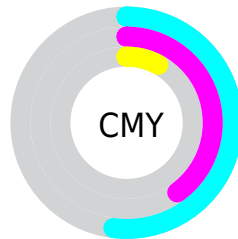
- Red (48%)
- Green (60%)
- Blue (92%)



- Red (48%)
- Yellow (57%)
- Blue (92%)



- Cyan (48%)
- Magenta (35%)
- Yellow (0%)
- Black (8%)



- Cyan (52%)
- Magenta (40%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A99EA 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 7A99EA by changing the saturation by 10% instead.



 7A99EA

 7A99EA

FFFFFF

 5D7FCE

 B3CFFF

 4066B2

 D0EBFF

 1D4F97

 EEEFFF

 00387D

 002463

 000E4B

 000433

 00021D

 000000

■ 7A99EA

■ 7A99EA

■ 6388EA

■ 91AAEA

■ 4B77EA

■ A9BBEA

■ 3466EA

■ C0CCEA

■ 1C55EA

■ D8DDEA

■ 0544EA

■ EFEEEA

■ 0041EA

■ FFFFEA

# Harmonies

## Analogous

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



00A6E9



7A99EA



B789D6

# Triad

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



7A99EA



E08365



35AE83

# Complementary

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



7A99EA



EACB7A

# 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.



74A95E



7A99EA



C6914C

# Square

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



7A99EA



E87A8A



A19F49



00B0AD

# Rectangle

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



7A99EA



D280C0



A19F49



4FAD76



# Sweetspot

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



7A99EA



DBE5FF



7AEACA



6A7080



000000



808080



# Same Dimension

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



7A99EA



6E96FF



927AEA



6A6D75



0032B5



000F36



# Inverse Universe

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



EA7A99



FF6E96



D2EA7A



756A6D



B50032

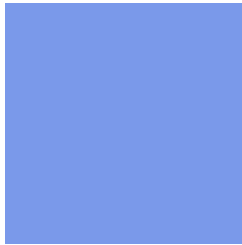


36000F



# Previews

## White Background



This preview shows how the Hex color 7A99EA looks on a white background.

## Color Contrast Check

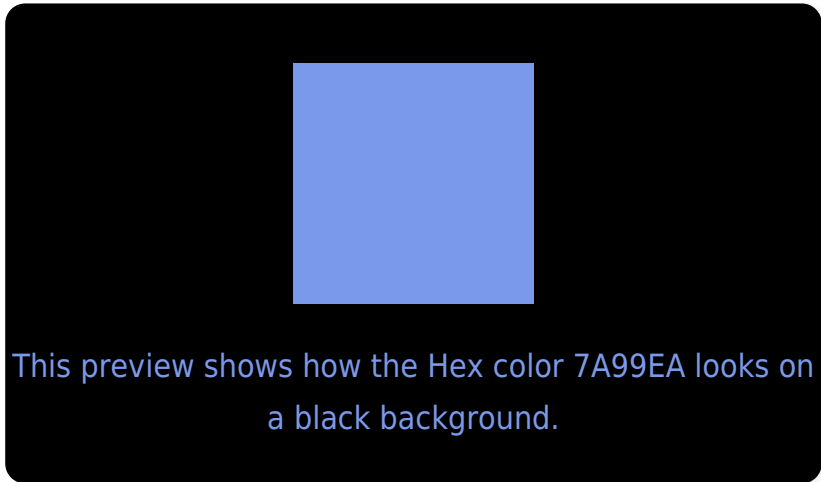
Large Text (above 18pt) WCAG AA × Fail

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

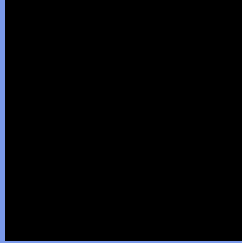
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

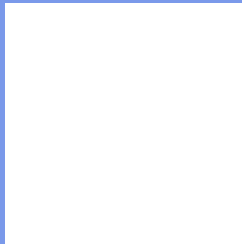
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7A99EA Background



This preview shows how black text looks on a background with the Hex color 7A99EA.



This preview shows how white text looks on a background with the Hex color 7A99EA.

# 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**  
7A99EA

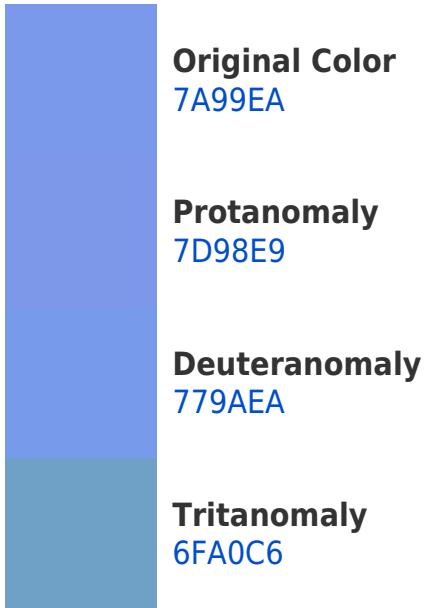
**Protanopia**  
7F98E9

**Deuteranopia**  
759AEA



**Tritanopia**  
69A4B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A99EA 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 #7A99EA looks like.

```
.text, #text, p{  
    color:#7A99EA  
}
```

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 #7A99EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A99EA
}
```

## Border

The CSS property to change the border of an element to Hex 7A99EA 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
#7A99EA }
```

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

```
.border{ border-color:#7A99EA }
```

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

Here you see how a box with a 4 pixel #7A99EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A99EA; -webkit-box-shadow:4px 4px  
4px 4px #7A99EA; box-shadow:4px 4px 4px  
4px #7A99EA }
```

# Background

The CSS property to change the background color of an element to Hex 7A99EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A99EA }
```

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

```
.background{ background-color:#7A99EA }
```

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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