

# Converting Colors

Hex(7EA9E5)

Have a look what the booklet for  
Hex(7EA9E5) contains.

<b>Hex(7EA9E5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(7EA9E5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EA9E5
RGB	126, 169, 229
RGB Percent	49%, 66%, 90%
CMY	0.5059, 0.3373, 0.1020
CMYK	0.45, 0.26, 0.00, 0.10
HSL	215°, 66%, 70%
HSV	215°, 45%, 90%
XYZ	36.9350, 38.4687, 79.6073
YIQ	162.9830, -44.8880, 9.5440

# Conversions

## Conversions Part 2

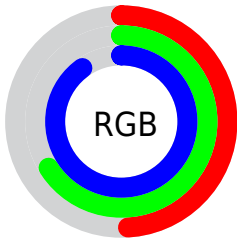
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">126, 156, 229</a>
Decimal	<a href="#">8301029</a>
CIELab	<a href="#">68.36, 1.23, -34.72</a>
CIElCh	<a href="#">68, 34.740, 272.026</a>
Yxy	<a href="#">38.4687, 0.2383, 0.2482</a>
Android (android.graphics.Color)	<a href="#">4286491109</a> ( <a href="#">0xFF7EA9E5</a> )
YUV	<a href="#">162.9830, 32.5464, -32.4341</a>
Hunter-Lab	<a href="#">62.0231, -2.2431, -32.6831</a>

# Details

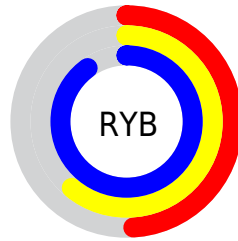
The Hex color **7EA9E5** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E5BA7E**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B7E0FF**, and **4675AD** is the 20% darker color. If you saturate the color by 10%, you get **679CE5**, and if you desaturate by 10%, it is **95B6E5**.

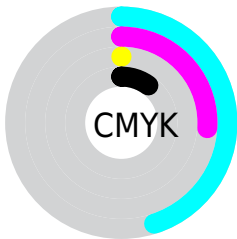
# Distribution



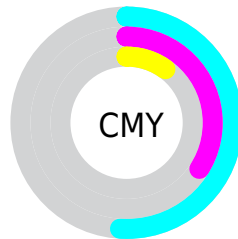
- Red (49%)
- Green (66%)
- Blue (90%)



- Red (49%)
- Yellow (61%)
- Blue (90%)



- Cyan (45%)
- Magenta (26%)
- Yellow (0%)
- Black (10%)



- Cyan (51%)
- Magenta (34%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7EA9E5 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 7EA9E5 by changing the saturation by 10% instead.



 7EA9E5

 7EA9E5

FFFFFF

 628FC9

 B7E0FF

 4675AD

 D3FDFF

 275D92

 F1FFFF

 004578

 002F5F

 001B47

 000431

 00011B

 000000

■ 7EA9E5

■ 7EA9E5

■ 679CE5

■ 95B6E5

■ 508EE5

■ ACC4E5

■ 3981E5

■ C3D1E5

■ 2274E5

■ DADEE5

■ 0B66E5

■ F1ECE5

■ 0060E5

■ FFF9E5

■ FFFE5

# Harmonies

## Analogous

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



4BB2DD



7EA9E5



AD9EDC

# Triad

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



7EA9E5



E39287



73B588

# Complementary

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



7EA9E5



E5BA7E

# 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.



99AF70



7EA9E5



D49B70

# Square

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



7EA9E5



E28FA6



BAA568



4CB8A8

# Rectangle

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



7EA9E5



C697CE



BAA568



80B37F



# Sweetspot

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



7EA9E5



DEECFF



7EE5B8



6B7480



000000



808080

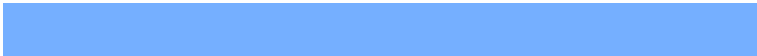


# Same Dimension

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



7EA9E5



75AFFF



857EE5



676C73



004BB3



001533



# Inverse Universe

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



E57EA9



FF75AF



DEE57E



73676C



B3004B

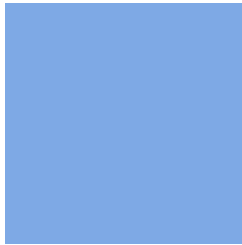


330015



# Previews

## White Background



This preview shows how the Hex color 7EA9E5 looks on a white background.

## Color Contrast Check

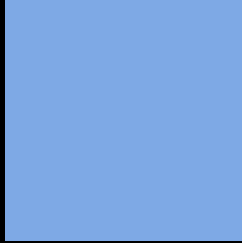
Large Text (above 18pt) WCAG AA × Fail

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 7EA9E5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

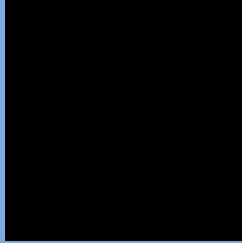
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

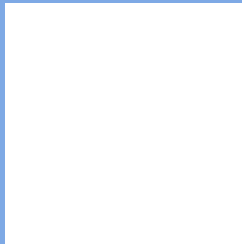
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7EA9E5 Background



This preview shows how black text looks on a background with the Hex color 7EA9E5.



This preview shows how white text looks on a background with the Hex color 7EA9E5.

# 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](#).

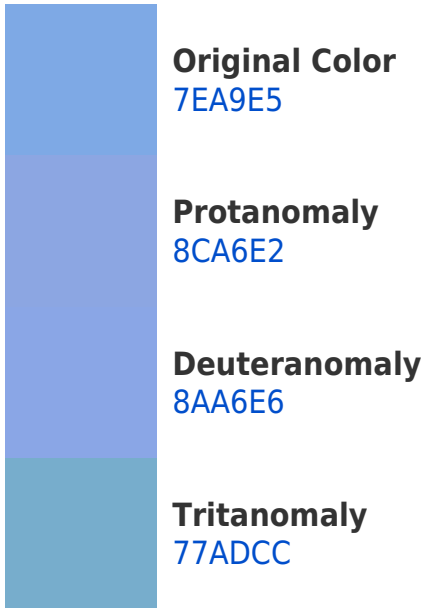
## Dichromacy



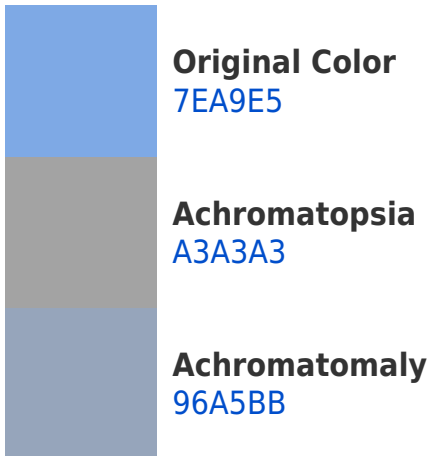


**Tritanopia**  
73B0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7EA9E5 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 #7EA9E5 looks like.

```
.text, #text, p{  
    color:#7EA9E5  
}
```

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 #7EA9E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EA9E5
}
```

## Border

The CSS property to change the border of an element to Hex 7EA9E5 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
#7EA9E5 }
```

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

```
.border{ border-color:#7EA9E5 }
```

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

Here you see how a box with a 4 pixel #7EA9E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EA9E5; -webkit-box-shadow:4px 4px  
4px 4px #7EA9E5; box-shadow:4px 4px 4px  
4px #7EA9E5 }
```

# Background

The CSS property to change the background color of an element to Hex 7EA9E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EA9E5 }
```

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

```
.background{ background-color:#7EA9E5 }
```

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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