

# Converting Colors

Hex(7EA6CC)

Have a look what the booklet for  
Hex(7EA6CC) contains.

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# **Color**

**Hex(7EA6CC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EA6CC
RGB	126, 166, 204
RGB Percent	49%, 65%, 80%
CMY	0.5059, 0.3490, 0.2000
CMYK	0.38, 0.19, 0.00, 0.20
HSL	209°, 43%, 65%
HSV	209°, 38%, 80%
XYZ	33.1395, 36.0677, 62.3419
YIQ	158.3720, -36.0380, 3.3380

# Conversions

## Conversions Part 2

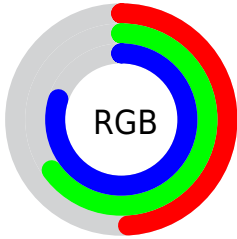
Format	Color
<b>RYB</b>	126, 152, 204
Decimal	8300236
CIELab	66.57, -4.00, -23.71
CIELCh	67, 24.044, 260.433
Yxy	36.0677, 0.2519, 0.2742
Android (android.graphics.Color)	4286490316 (0xFF7EA6CC)
YUV	158.3720, 22.4946, -28.3902
Hunter-Lab	60.0564, -6.6013, -19.5069

# Details

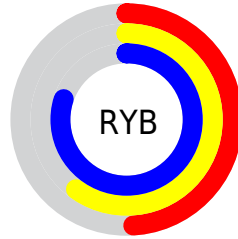
The Hex color **7EA6CC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CCA47E**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B5DDFF**, and **497296** is the 20% darker color. If you saturate the color by 10%, you get **6A9CCC**, and if you desaturate by 10%, it is **92B0CC**.

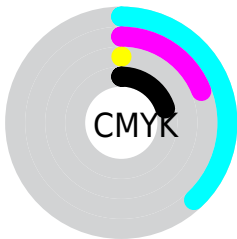
# Distribution



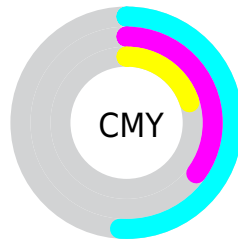
- Red (49%)
- Green (65%)
- Blue (80%)



- Red (49%)
- Yellow (60%)
- Blue (80%)



- Cyan (38%)
- Magenta (19%)
- Yellow (0%)
- Black (20%)



- Cyan (51%)
- Magenta (35%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7EA6CC 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 7EA6CC by changing the saturation by 10% instead.



■ 7EA6CC

■ 7EA6CC

FFFFFF

■ 638CB0

■ B5DDFF

■ 497296

■ D1FAFF

■ 2E5A7C

■ EEEFFF

■ 0E4263

■ 002C4B

■ 001834

■ 00021F

■ 000001

■ 000000

■ 7EA6CC

■ 7EA6CC

■ 6A9CCC

■ 92B0CC

■ 5592CC

■ A7BACC

■ 4188CC

■ BBC4CC

■ 2C7ECC

■ D0CECC

■ 1874CC

■ E4D8CC

■ 046ACC

■ F8E2CC

■ 0069CC

■ FFECCC

■ FFF6CC

■ FFFFCC

# Harmonies

## Analogous

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



67ABC2



7EA6CC



9C9FCA

# Triad

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



7EA6CC



CE9394



8AAB86

# Complementary

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



7EA6CC



CCA47E

# 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.



A2A579



7EA6CC



C89781

# Square

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



7EA6CC



C993AA



B89E78



72AE9A

# Rectangle

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



7EA6CC



AF9AC3



B89E78



92A981

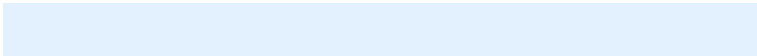


# Sweetspot

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



7EA6CC



E3F1FF



7ECCA4



6F7780



000000



808080

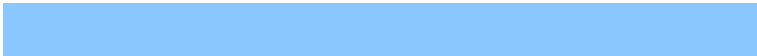


# Same Dimension

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



7EA6CC



8AC6FF



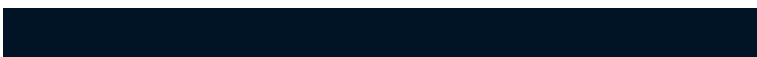
7E7FCC



5C6166



0055A6



001426



# Inverse Universe

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



CC7EA6



FF8AC6



CCCB7E



665C61



A60055

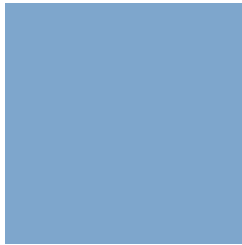


260014



# Previews

## White Background



This preview shows how the Hex color 7EA6CC looks on a white background.

## Color Contrast Check

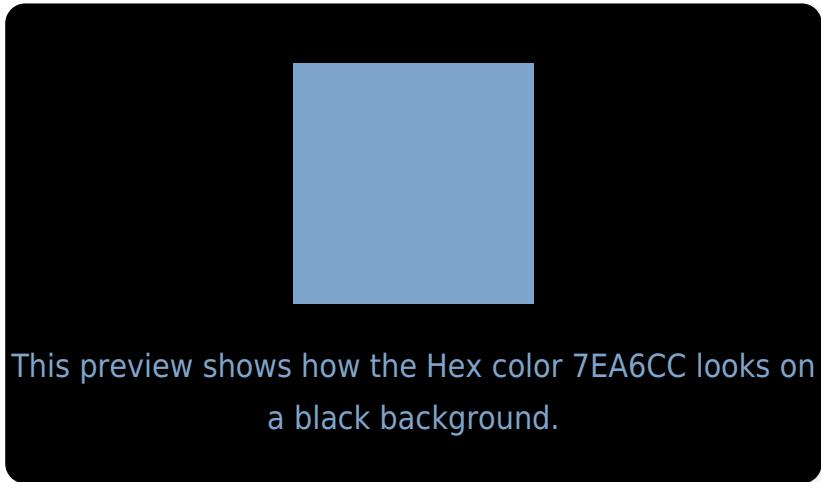
Large Text (above 18pt) WCAG AA × Fail

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

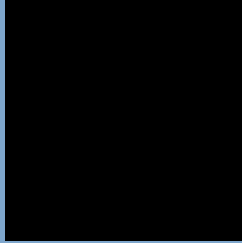
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

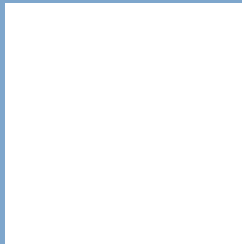
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7EA6CC Background



This preview shows how black text looks on a background with the Hex color 7EA6CC.

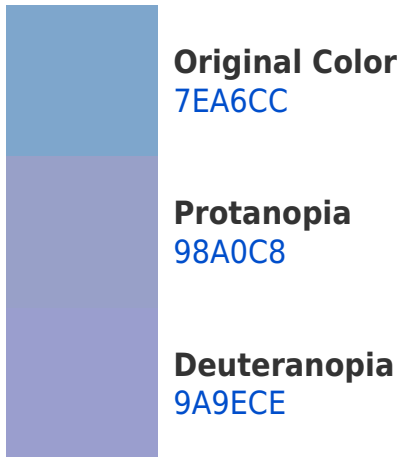


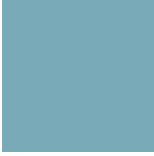
This preview shows how white text looks on a background with the Hex color 7EA6CC.

# 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](#).

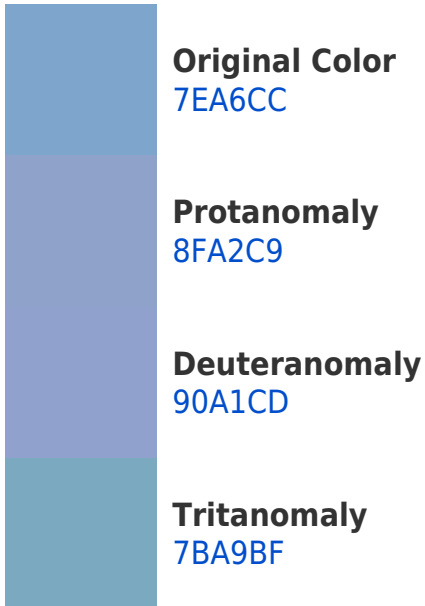
## Dichromacy



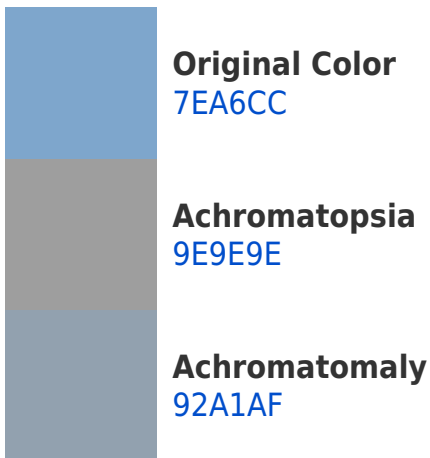


**Tritanopia**  
79AAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7EA6CC 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 #7EA6CC looks like.

```
.text, #text, p{  
    color:#7EA6CC  
}
```

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 #7EA6CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EA6CC  
}
```

## Border

The CSS property to change the border of an element to Hex 7EA6CC 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  
#7EA6CC }
```

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

```
.border{ border-color:#7EA6CC }
```

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

Here you see how a box with a 4 pixel #7EA6CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EA6CC; -webkit-box-shadow:4px 4px  
4px 4px #7EA6CC; box-shadow:4px 4px 4px  
4px #7EA6CC }
```

# Background

The CSS property to change the background color of an element to Hex 7EA6CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EA6CC }
```

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

```
.background{ background-color:#7EA6CC }
```

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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