

Converting Colors

Hex(7CA2E0)

Have a look what the booklet for
Hex(7CA2E0) contains.

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Color

Hex(7CA2E0)

Conversions

Conversions Part 1

Format	Color
Hex	7CA2E0
RGB	124, 162, 224
RGB Percent	49%, 64%, 88%
CMY	0.5137, 0.3647, 0.1216
CMYK	0.45, 0.28, 0.00, 0.12
HSL	217°, 62%, 68%
HSV	217°, 45%, 88%
XYZ	34.6871, 35.5076, 75.5465
YIQ	157.7060, -42.5500, 11.2260

Conversions

Conversions Part 2

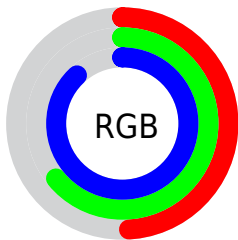
Format	Color
RYB	124, 152, 224
Decimal	8168160
CIELab	66.14, 3.25, -35.43
CIELCh	66, 35.582, 275.242
Yxy	35.5076, 0.2380, 0.2436
Android (android.graphics.Color)	4286358240 (0xFF7CA2E0)
YUV	157.7060, 32.6829, -29.5602
Hunter-Lab	59.5882, -0.3723, -33.4566

Details

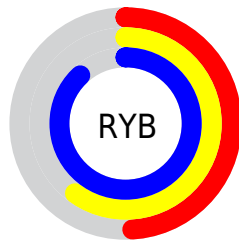
The Hex color **7CA2E0** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E0BA7C**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B4D9FF**, and **446FA8** is the 20% darker color. If you saturate the color by 10%, you get **6694E0**, and if you desaturate by 10%, it is **92B0E0**.

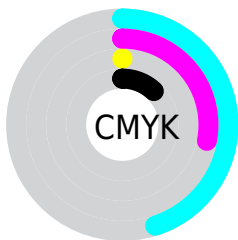
Distribution



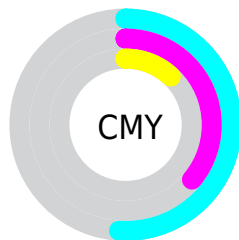
- Red (49%)
- Green (64%)
- Blue (88%)



- Red (49%)
- Yellow (60%)
- Blue (88%)



- Cyan (45%)
- Magenta (28%)
- Yellow (0%)
- Black (12%)



- Cyan (51%)
- Magenta (36%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CA2E0 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 7CA2E0 by changing the saturation by 10% instead.

 7CA2E0

 7CA2E0

FFFFFF

 6088C4

 B4D9FF

 446FA8

 D1F5FF

 25568E

 EEEFFF

 004074

 002A5B

 001643

 00032D

 000117

 000000

■ 7CA2E0

■ 7CA2E0

■ 6694E0

■ 92B0E0

■ 4F86E0

■ A9BEE0

■ 3978E0

■ BFCCE0

■ 226AE0

■ D6DAE0

■ 0C5DE0

■ ECE7E0

■ 0055E0

■ FFF5E0

■ FFFFE0

Harmonies

Analogous

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



44ABDA



7CA2E0



AC96D5

Triad

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



7CA2E0



DC8C7D



67B085

Complementary

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



7CA2E0



E0BA7C

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.



8EAA6B



7CA2E0



CC9667

Square

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



7CA2E0



DE889C



B0A160



3CB2A5

Rectangle

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



7CA2E0



C48FC6



B0A160



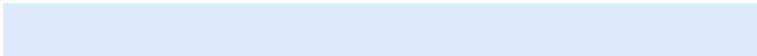
75AE7B

Sweetspot

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



7CA2E0



DEEAFB



7CE0BA



6B7380



000000



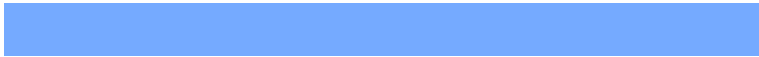
808080

Same Dimension

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



7CA2E0



75AAFF



887CE0



656970



0043B0



001230

Inverse Universe

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



E07CA2



FF75AA



D4E07C



706569



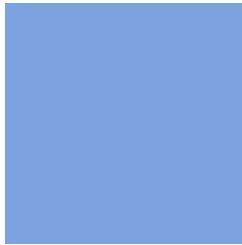
B00043



300012

Previews

White Background



This preview shows how the Hex color 7CA2E0 looks on a white background.

Color Contrast Check

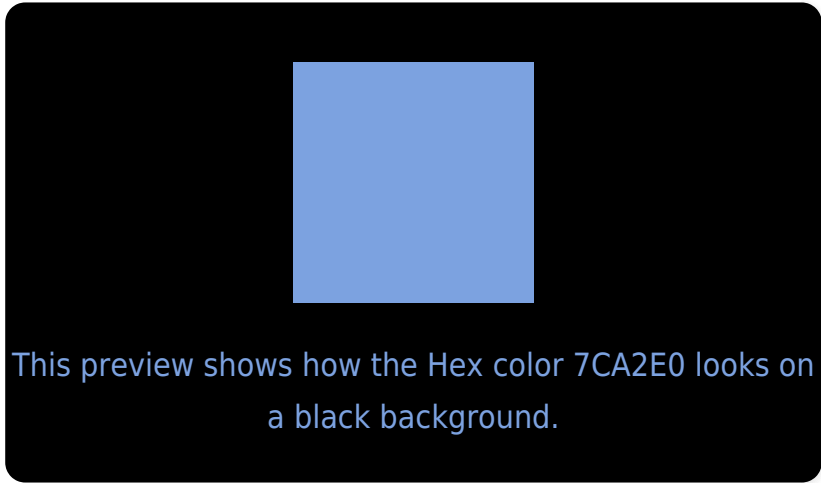
Large Text (above 18pt) WCAG AA × Fail

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

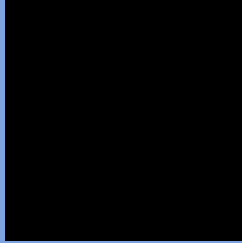
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

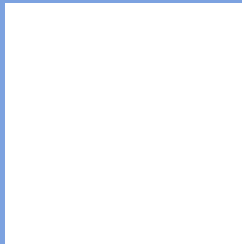
Any Text WCAG AAA ✓ Pass

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

Hex 7CA2E0 Background



This preview shows how black text looks on a background with the Hex color 7CA2E0.

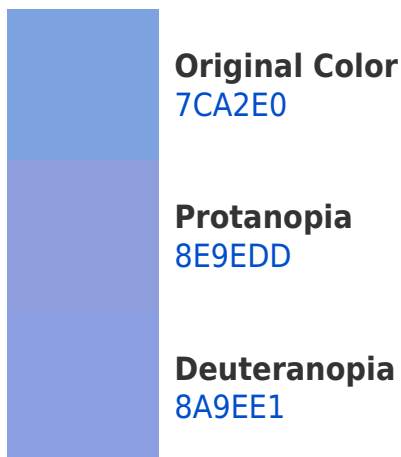


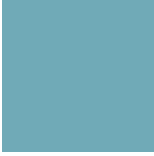
This preview shows how white text looks on a background with the Hex color 7CA2E0.

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](#).

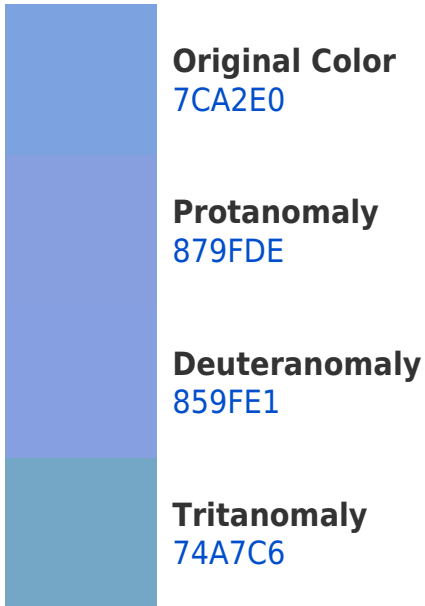
Dichromacy



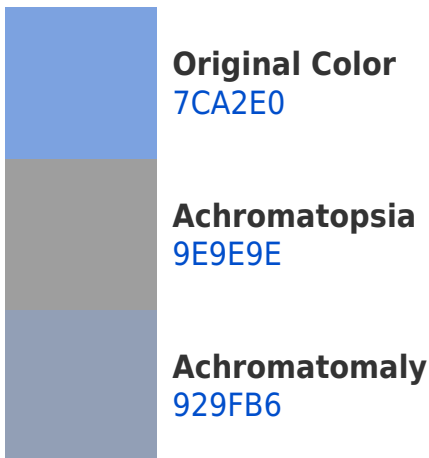


Tritanopia
70AAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7CA2E0 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 #7CA2E0 looks like.

```
.text, #text, p{  
    color:#7CA2E0  
}
```

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 #7CA2E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CA2E0
}
```

Border

The CSS property to change the border of an element to Hex 7CA2E0 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
#7CA2E0 }
```

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

```
.border{ border-color:#7CA2E0 }
```

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

Here you see how a box with a 4 pixel #7CA2E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CA2E0; -webkit-box-shadow:4px 4px  
4px 4px #7CA2E0; box-shadow:4px 4px 4px  
4px #7CA2E0 }
```

Background

The CSS property to change the background color of an element to Hex 7CA2E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CA2E0 }
```

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

```
.background{ background-color:#7CA2E0 }
```

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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