

Converting Colors

Hex(7A90CB)

Have a look what the booklet for
Hex(7A90CB) contains.

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Color

Hex(7A90CB)

Conversions

Conversions Part 1

Format	Color
Hex	7A90CB
RGB	122, 144, 203
RGB Percent	48%, 56%, 80%
CMY	0.5216, 0.4353, 0.2039
CMYK	0.40, 0.29, 0.00, 0.20
HSL	224°, 44%, 64%
HSV	224°, 40%, 80%
XYZ	28.7788, 28.3959, 60.4641
YIQ	144.1480, -32.0510, 13.6850

Conversions

Conversions Part 2

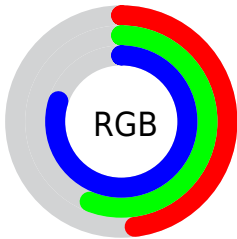
Format	Color
RYB	122, 139, 203
Decimal	8032459
CIELab	60.24, 7.11, -32.93
CIELCh	60, 33.692, 282.179
Yxy	28.3959, 0.2446, 0.2414
Android (android.graphics.Color)	4286222539 (0xFF7A90CB)
YUV	144.1480, 29.0140, -19.4238
Hunter-Lab	53.2878, 3.1477, -29.9731

Details

The Hex color **7A90CB** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CBB57A**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **B1C6FF**, and **455E95** is the 20% darker color. If you saturate the color by 10%, you get **6681CB**, and if you desaturate by 10%, it is **8E9FCB**.

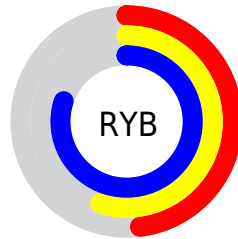
Distribution



Red (48%)

Green (56%)

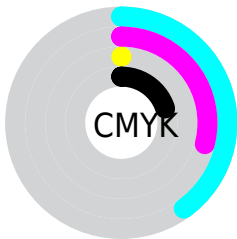
Blue (80%)



Red (48%)

Yellow (55%)

Blue (80%)

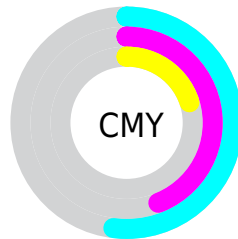


Cyan (40%)

Magenta (29%)

Yellow (0%)

Black (20%)



Cyan (52%)

Magenta (44%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A90CB 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 7A90CB by changing the saturation by 10% instead.

■ 7A90CB

■ 7A90CB

FFFFFF

■ 5F76AF

■ B1C6FF

■ 455E95

■ CDE2FF

■ 29467B

■ EAFEFF

■ 053061

■ 001C49

■ 000033

■ 00021D

■ 000000

■ 7A90CB

■ 7A90CB

■ 6681CB

■ 8E9FCB

■ 5172CB

■ A3AECB

■ 3D64CB

■ B7BCCB

■ 2955CB

■ CBCBCB

■ 1546CB

■ E0DACB

■ 0037CB

■ F4E9CB

■ FFF8CB

■ FFFFCB

Harmonies

Analogous

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



4699C9



7A90CB



A485BD

Triad

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



7A90CB



C6806B



53A07E

Complementary

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



7A90CB



CBB57A

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.



789B64



7A90CB



B48959

Square

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



7A90CB



CB7A86



999356



27A19D

Rectangle

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



7A90CB



B87FAD



999356



609F75

Sweetspot

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



7A90CB



E0E9FF



7ACBB4



6E7280



000000



808080

Same Dimension

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



7A90CB



85A6FF



8C7ACB



5C5F66



002DA6



000A26

Inverse Universe

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



CB7A90



FF85A6



B9CB7A



665C5F



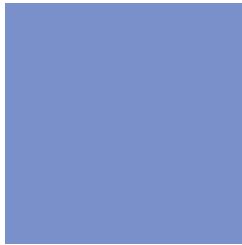
A6002D



26000A

Previews

White Background



This preview shows how the Hex color 7A90CB looks on a white background.

Color Contrast Check

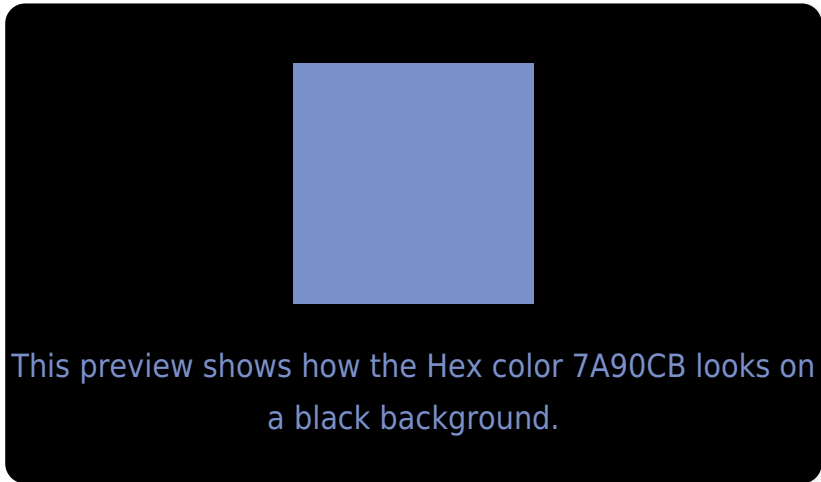
Large Text (above 18pt) WCAG AA ✓ Pass

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

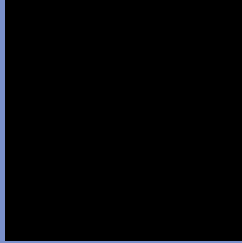
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 7A90CB Background



This preview shows how black text looks on a background with the Hex color 7A90CB.

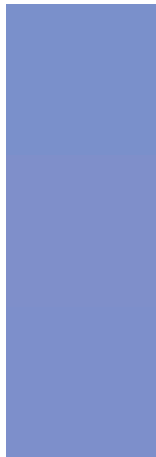


This preview shows how white text looks on a background with the Hex color 7A90CB.

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
7A90CB

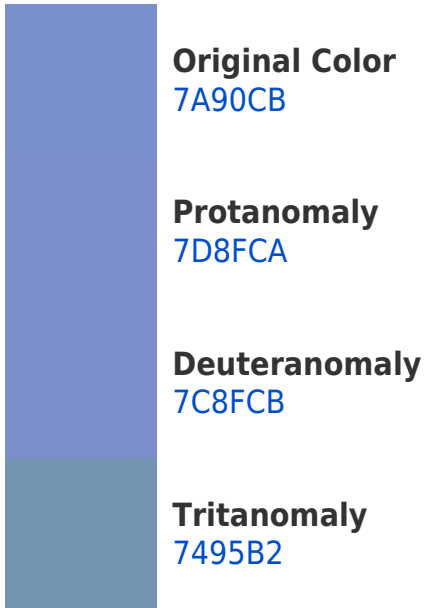
Protanopia
7F8FCA

Deuteranopia
7D8FCB

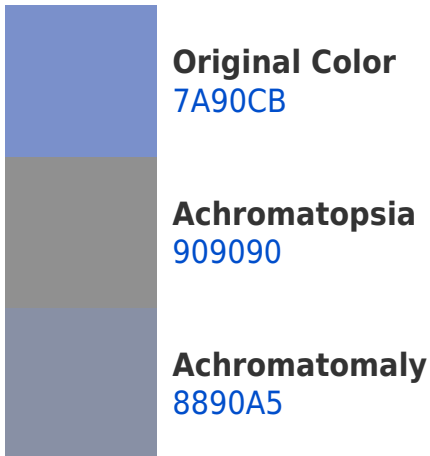


Tritanopia
7098A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A90CB 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 #7A90CB looks like.

```
.text, #text, p{  
    color:#7A90CB  
}
```

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 #7A90CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A90CB
}
```

Border

The CSS property to change the border of an element to Hex 7A90CB 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
#7A90CB }
```

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

```
.border{ border-color:#7A90CB }
```

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

Here you see how a box with a 4 pixel #7A90CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A90CB; -webkit-box-shadow:4px 4px  
4px 4px #7A90CB; box-shadow:4px 4px 4px  
4px #7A90CB }
```

Background

The CSS property to change the background color of an element to Hex 7A90CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A90CB }
```

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

```
.background{ background-color:#7A90CB }
```

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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