

Converting Colors

Hex(7A9CDB)

Have a look what the booklet for
Hex(7A9CDB) contains.

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Color

Hex(7A9CDB)

Conversions

Conversions Part 1	
Format	Color
Hex	7A9CDB
RGB	122, 156, 219
RGB Percent	48%, 61%, 86%
CMY	0.5216, 0.3882, 0.1412
CMYK	0.44, 0.29, 0.00, 0.14
HSL	219°, 57%, 67%
HSV	219°, 44%, 86%
XYZ	32.7007, 33.0290, 71.6696
YIQ	153.0160, -40.4870, 12.3850

Conversions

Conversions Part 2

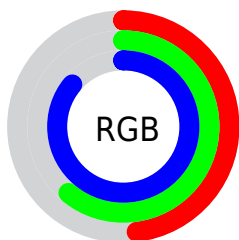
Format	Color
RYB	122, 147, 219
Decimal	8035547
CIELab	64.18, 4.73, -35.73
CIELCh	64, 36.039, 277.548
Yxy	33.0290, 0.2380, 0.2404
Android (android.graphics.Color)	4286225627 (0xFF7A9CDB)
YUV	153.0160, 32.5301, -27.2010
Hunter-Lab	57.4708, 0.9918, -33.7086

Details

The Hex color **7A9CDB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DBB97A**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **B2D2FF**, and **4269A4** is the 20% darker color. If you saturate the color by 10%, you get **648EDB**, and if you desaturate by 10%, it is **90AADB**.

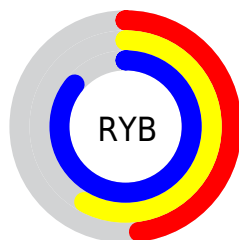
Distribution



Red (48%)

Green (61%)

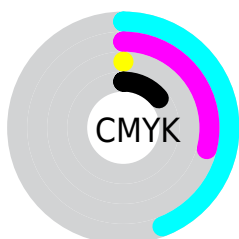
Blue (86%)



Red (48%)

Yellow (58%)

Blue (86%)

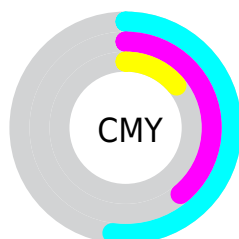


Cyan (44%)

Magenta (29%)

Yellow (0%)

Black (14%)



Cyan (52%)

Magenta (39%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A9CDB 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 7A9CDB by changing the saturation by 10% instead.



7A9CDB



7A9CDB

FFFFFF



5E82BF



B2D2FF



4269A4



CFEFFF



245189



ECFEFFF



003A70



002557



00103F




000329



000112



000000

 7A9CDB 7A9CDB 648EDB 90AADB 4E80DB A6B8DB 3871DB BCC7DB 2263DB D2D5DB 0D55DB E8E3DB 004DDB FDF1DB FFFFDB

Harmonies

Analogous

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



3FA6D6



7A9CDB



AA90CF

Triad

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



7A9CDB



D78776



5EAB82

Complementary

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



7A9CDB



DBB97A

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.



86A567



7A9CDB



C59161

Square

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



7A9CDB



D98295



A99C5B



2EADA3

Rectangle

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



7A9CDB



C289BF



A99C5B



6CA978

Sweetspot

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



7A9CDB



DEE9FF



7ADBB7



6B7280



000000



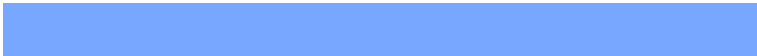
808080

Same Dimension

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



7A9CDB



78A7FF



877ADB



63676E



003DAD



00102E

Inverse Universe

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



DB7A9C



FF78A7



CEDB7A



6E6367



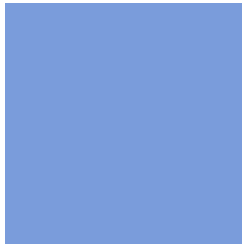
AD003D



2E0010

Previews

White Background



This preview shows how the Hex color 7A9CDB looks on a white background.

Color Contrast Check

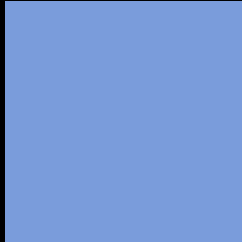
Large Text (above 18pt) WCAG AA × Fail

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 7A9CDB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

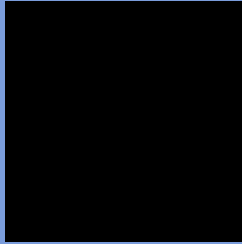
Any Text WCAG AA ✓ Pass

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 7A9CDB Background



This preview shows how black text looks on a background with the Hex color 7A9CDB.

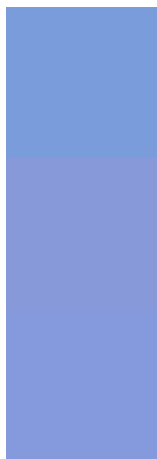


This preview shows how white text looks on a background with the Hex color 7A9CDB.

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

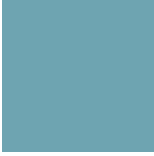
7A9CDB

Protanopia

8899D9

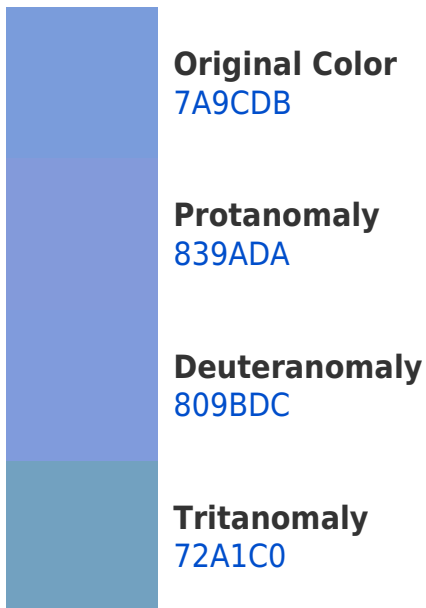
Deuteranopia

849ADC

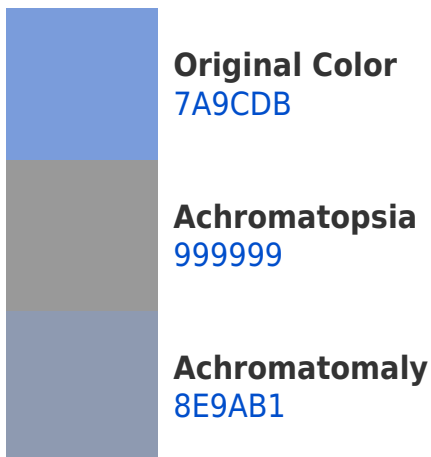


Tritanopia
6EA4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A9CDB 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 #7A9CDB looks like.

```
.text, #text, p{  
    color:#7A9CDB  
}
```

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 #7A9CDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A9CDB
}
```

Border

The CSS property to change the border of an element to Hex 7A9CDB 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
#7A9CDB }
```

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

```
.border{ border-color:#7A9CDB }
```

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

Here you see how a box with a 4 pixel #7A9CDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A9CDB; -webkit-box-shadow:4px 4px  
4px 4px #7A9CDB; box-shadow:4px 4px 4px  
4px #7A9CDB }
```

Background

The CSS property to change the background color of an element to Hex 7A9CDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A9CDB }
```

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

```
.background{ background-color:#7A9CDB }
```

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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