

Converting Colors

Hex(7A9CD3)

Have a look what the booklet for
Hex(7A9CD3) contains.

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Color

Hex(7A9CD3)

Conversions

Conversions Part 1

Format	Color
Hex	7A9CD3
RGB	122, 156, 211
RGB Percent	48%, 61%, 83%
CMY	0.5216, 0.3882, 0.1725
CMYK	0.42, 0.26, 0.00, 0.17
HSL	217°, 50%, 65%
HSV	217°, 42%, 83%
XYZ	31.6724, 32.6177, 66.2545
YIQ	152.1040, -37.9190, 9.8970

Conversions

Conversions Part 2

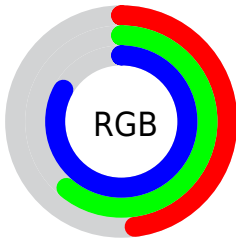
Format	Color
R_{YB}	122, 147, 211
Decimal	8035539
CIE _{Lab}	63.85, 2.46, -31.81
CIE _{LCh}	64, 31.901, 274.428
Yxy	32.6177, 0.2426, 0.2499
Android (android.graphics.Color)	4286225619 (0xFF7A9CD3)
YUV	152.1040, 29.0357, -26.4012
Hunter-Lab	57.1119, -0.9555, -28.8030

Details

The Hex color **7A9CD3** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D3B17A**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **B1D2FF**, and **44699C** is the 20% darker color. If you saturate the color by 10%, you get **658FD3**, and if you desaturate by 10%, it is **8FA9D3**.

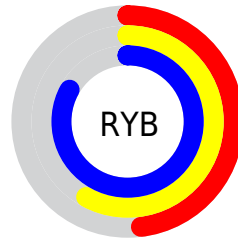
Distribution



Red (48%)

Green (61%)

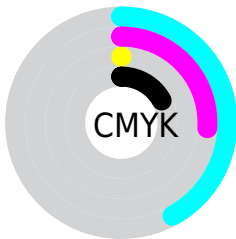
Blue (83%)



Red (48%)

Yellow (58%)

Blue (83%)

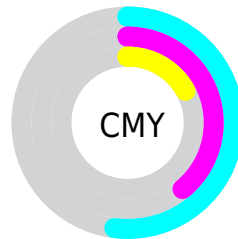


Cyan (42%)

Magenta (26%)

Yellow (0%)

Black (17%)



Cyan (52%)

Magenta (39%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A9CD3 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 7A9CD3 by changing the saturation by 10% instead.

■ 7A9CD3

■ 7A9CD3

FFFFFF

■ 5F82B7

■ B1D2FF

■ 44699C

■ CEEFFF

■ 275182

■ EBFFFF

■ 003A69

■ 002550

■ 001039

■ 000223

■ 00000A

■ 000000

■ 7A9CD3

■ 7A9CD3

■ 658FD3

■ 8FA9D3

■ 5082D3

■ A4B6D3

■ 3B75D3

■ B9C3D3

■ 2668D3

■ CED0D3

■ 115BD3

■ E4DDD3

■ 0051D3

■ F9EAD3

■ FFF7D3

■ FFFFD3

Harmonies

Analogous

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



4DA4CD



7A9CD3



A492CA

Triad

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



7A9CD3



D1887C



69A881

Complementary

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



7A9CD3



D3B17A

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.



8BA36B



7A9CD3



C29168

Square

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



7A9CD3



D18597



AA9A62



47AA9E

Rectangle

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



7A9CD3



BA8BBC



AA9A62



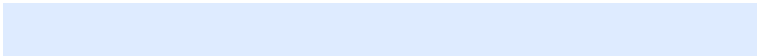
75A779

Sweetspot

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



7A9CD3



DEEBFF



7AD3B1



6B7380



000000



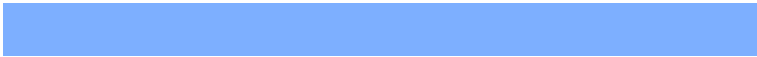
808080

Same Dimension

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



7A9CD3



7DAFFF



847AD3



5E6269



0040A8



001029

Inverse Universe

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



D37A9C



FF7DAF



C9D37A



695E62



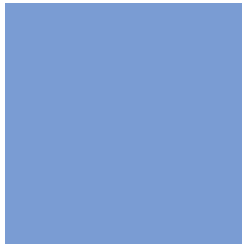
A80040



290010

Previews

White Background



This preview shows how the Hex color 7A9CD3 looks on a white background.

Color Contrast Check

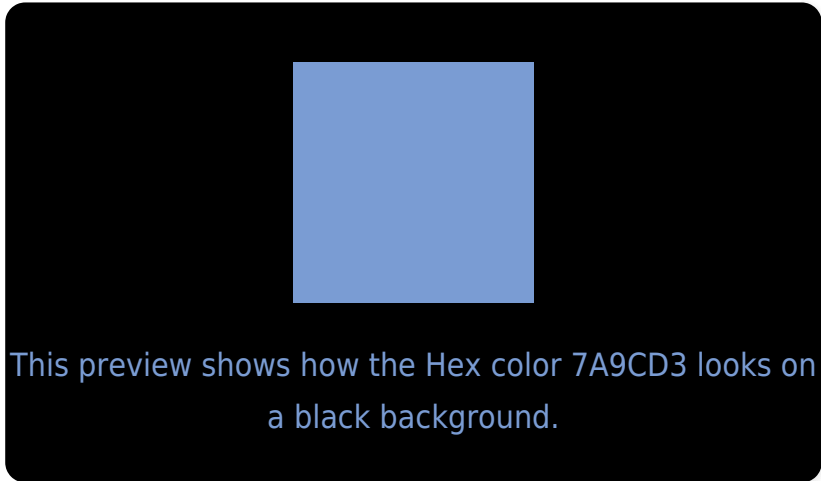
Large Text (above 18pt) WCAG AA × Fail

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

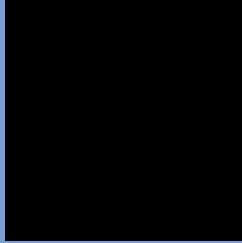
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

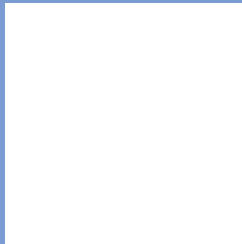
Any Text WCAG AAA ✓ Pass

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

Hex 7A9CD3 Background



This preview shows how black text looks on a background with the Hex color 7A9CD3.



This preview shows how white text looks on a background with the Hex color 7A9CD3.

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](#).

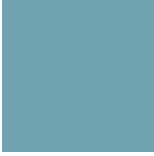
Dichromacy



Original Color
7A9CD3

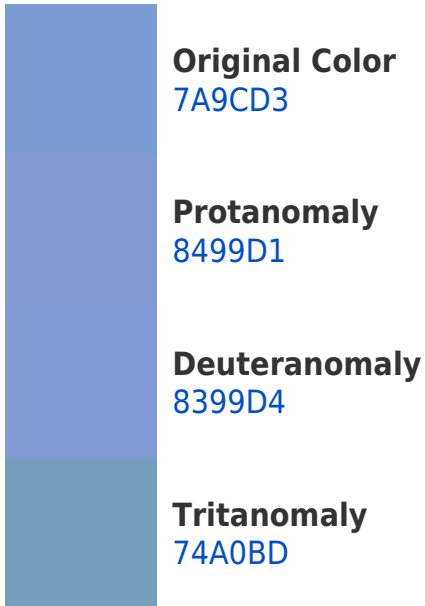
Protanopia
8A98D0

Deuteranopia
8898D4

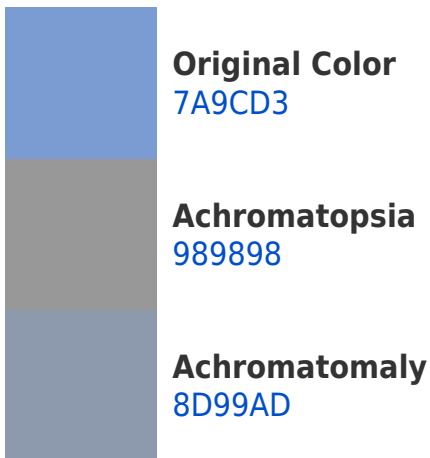


Tritanopia
70A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A9CD3 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 #7A9CD3 looks like.

```
.text, #text, p{  
    color:#7A9CD3  
}
```

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 #7A9CD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A9CD3
}
```

Border

The CSS property to change the border of an element to Hex 7A9CD3 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
#7A9CD3 }
```

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

```
.border{ border-color:#7A9CD3 }
```

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

Here you see how a box with a 4 pixel #7A9CD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A9CD3; -webkit-box-shadow:4px 4px  
4px 4px #7A9CD3; box-shadow:4px 4px 4px  
4px #7A9CD3 }
```

Background

The CSS property to change the background color of an element to Hex 7A9CD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A9CD3 }
```

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

```
.background{ background-color:#7A9CD3 }
```

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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