

Converting Colors

Hex(7CA5BD)

Have a look what the booklet for
Hex(7CA5BD) contains.

Hex(7CA5BD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7CA5BD)

Conversions

Conversions Part 1

Format	Color
Hex	7CA5BD
RGB	124, 165, 189
RGB Percent	49%, 65%, 74%
CMY	0.5137, 0.3529, 0.2588
CMYK	0.34, 0.13, 0.00, 0.26
HSL	202°, 33%, 61%
HSV	202°, 34%, 74%
XYZ	30.9526, 34.8695, 53.2432
YIQ	155.4770, -32.1400, -1.2280

Conversions

Conversions Part 2

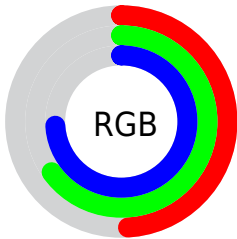
Format	Color
R _Y B	124, 149, 189
Decimal	8168893
CIE Lab	65.65, -7.93, -16.80
CIE LCh	66, 18.573, 244.732
Yxy	34.8695, 0.2600, 0.2929
Android (android.graphics.Color)	4286358973 (0xFF7CA5BD)
YUV	155.4770, 16.5268, -27.6053
Hunter-Lab	59.0504, -9.7733, -12.1240

Details

The Hex color **7CA5BD** is a light color, and the websafe version is hex **669999**. A complement of this color would be **BD947C**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **B2DCF5**, and **487188** is the 20% darker color. If you saturate the color by 10%, you get **699EBD**, and if you desaturate by 10%, it is **8FACBD**.

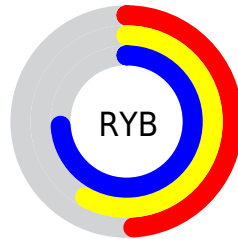
Distribution



Red (49%)

Green (65%)

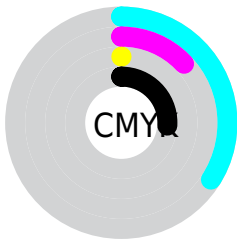
Blue (74%)



Red (49%)

Yellow (58%)

Blue (74%)

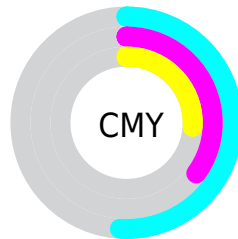


Cyan (34%)

Magenta (13%)

Yellow (0%)

Black (26%)



Cyan (51%)

Magenta (35%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CA5BD 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 7CA5BD by changing the saturation by 10% instead.

 7CA5BD

 7CA5BD

FFFFFF

 628BA2

 B2DCF5

 487188

 CEF9FF

 2E596E

 EBFFFF

 124156

 002B3F

 001729

 000114

 000000

 7CA5BD

 7CA5BD

699EBD

8FACBD

5697BD

A2B3BD

4390BD

B5BABD

3089BD

C8C1BD

1D82BD

DBC8BD

0B7BBD

EDCFBD

0077BD

FFD6BD

FFDDBD

FFE4BD

Harmonies

Analogous

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



72A8B2



7CA5BD



90A0C0

Triad

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



7CA5BD



C1949D



97A484

Complementary

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



7CA5BD



BD947C

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.



AA9F7E



7CA5BD



C1958D

Square

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



7CA5BD



B796AE



B99A82



84A891

Rectangle

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



7CA5BD



9F9CBE



B99A82



9DA381

Sweetspot

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



7CA5BD



DCECF5



7CBD94



6C757A



FAFAFA



7A7A7A

Same Dimension

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



7CA5BD



90D0F5



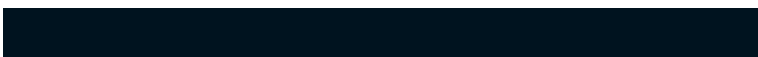
7C85BD



555B5E



00649E



00131F

Inverse Universe

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



BD7CA5



F590D0



BDB47C



5E555B



9E0064



1F0013

Previews

White Background



This preview shows how the Hex color 7CA5BD looks on a white background.

Color Contrast Check

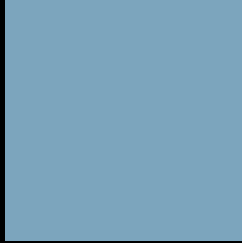
Large Text (above 18pt) WCAG AA × Fail

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 7CA5BD 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 7CA5BD Background



This preview shows how black text looks on a background with the Hex color 7CA5BD.

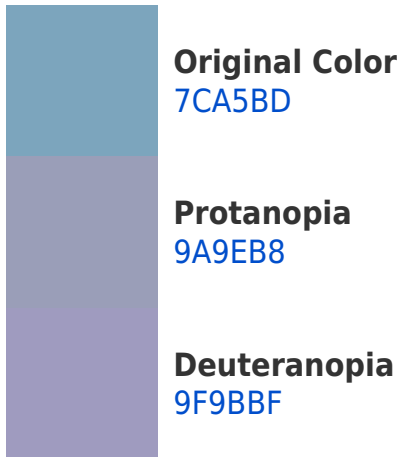


This preview shows how white text looks on a background with the Hex color 7CA5BD.

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](#).

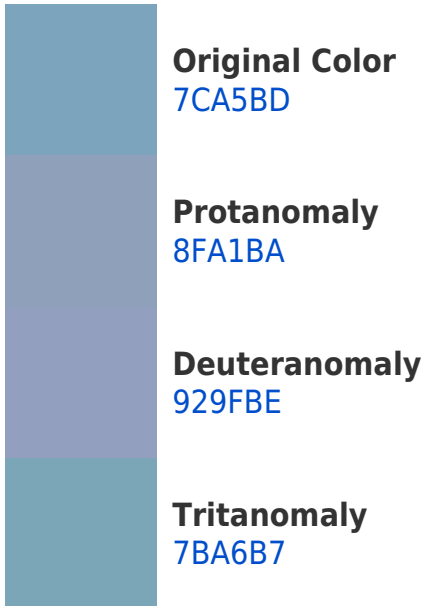
Dichromacy



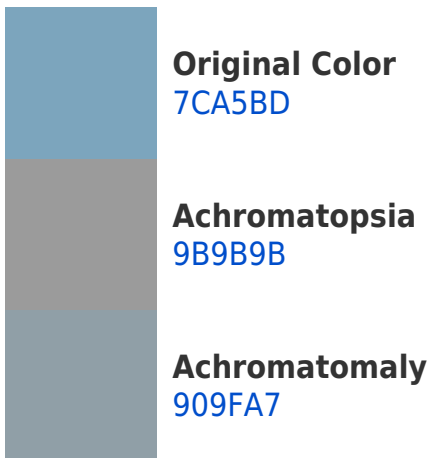


Tritanopia
7AA7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7CA5BD 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 #7CA5BD looks like.

```
.text, #text, p{  
    color:#7CA5BD  
}
```

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 #7CA5BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CA5BD
}
```

Border

The CSS property to change the border of an element to Hex 7CA5BD 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
#7CA5BD }
```

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

```
.border{ border-color:#7CA5BD }
```

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

Here you see how a box with a 4 pixel #7CA5BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CA5BD; -webkit-box-shadow:4px 4px  
4px 4px #7CA5BD; box-shadow:4px 4px 4px  
4px #7CA5BD }
```

Background

The CSS property to change the background color of an element to Hex 7CA5BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CA5BD }
```

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

```
.background{ background-color:#7CA5BD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor