

Converting Colors

Hex(7AA7CB)

Have a look what the booklet for
Hex(7AA7CB) contains.

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Color

Hex(7AA7CB)

Conversions

Conversions Part 1

Format	Color
Hex	7AA7CB
RGB	122, 167, 203
RGB Percent	48%, 65%, 80%
CMY	0.5216, 0.3451, 0.2039
CMYK	0.40, 0.18, 0.00, 0.20
HSL	207°, 44%, 64%
HSV	207°, 40%, 80%
XYZ	32.6242, 36.0868, 61.7459
YIQ	157.6490, -38.3760, 1.6560

Conversions

Conversions Part 2

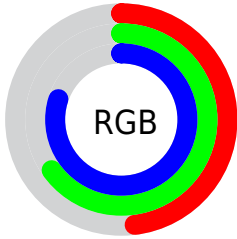
Format	Color
RYB	122, 151, 203
Decimal	8038347
CIELab	66.59, -5.89, -23.15
CIElCh	67, 23.892, 255.722
Yxy	36.0868, 0.2501, 0.2766
Android (android.graphics.Color)	4286228427 (0xFF7AA7CB)
YUV	157.6490, 22.3580, -31.2642
Hunter-Lab	60.0723, -8.1862, -18.8912

Details

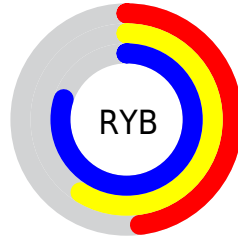
The Hex color **7AA7CB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CB9E7A**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B1DEFF**, and **447395** is the 20% darker color. If you saturate the color by 10%, you get **669ECB**, and if you desaturate by 10%, it is **8EB0CB**.

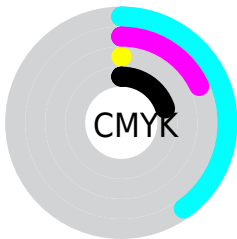
Distribution



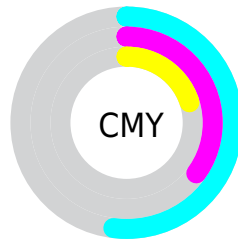
- Red (48%)
- Green (65%)
- Blue (80%)



- Red (48%)
- Yellow (59%)
- Blue (80%)



- Cyan (40%)
- Magenta (18%)
- Yellow (0%)
- Black (20%)



- Cyan (52%)
- Magenta (35%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AA7CB 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 7AA7CB by changing the saturation by 10% instead.

 7AA7CB

 7AA7CB

FFFFFF

 5F8DB0

 B1DEFF

 447395

 CDFBFF

 295B7B

 EAFFFF

 034362

 002D4A

 001933

 00021E

 000000

 7AA7CB

 7AA7CB

669ECB

8EB0CB

5195CB

A3B9CB

3D8CCB

B7C2CB

2983CB

CBCBCB

157ACB

E0D4CB

0071CB

F4DDCB

FFE6CB

FFEFCB

FFF8CB

Harmonies

Analogous

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



66ACC0



7AA7CB



97A0CB

Triad

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



7AA7CB



CE9397



8EAA83

Complementary

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



7AA7CB



CB9E7A

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.



A6A478



7AA7CB



C99684

Square

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



7AA7CB



C693AD



BB9D79



76AD97

Rectangle

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



7AA7CB



AB9BC5



BB9D79



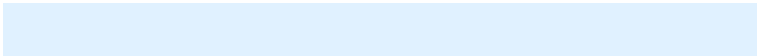
96A87F

Sweetspot

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



7AA7CB



E0F1FF



7ACB9D



6E7880



000000



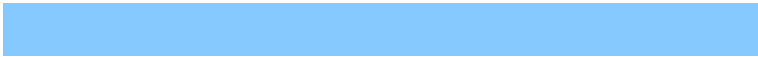
808080

Same Dimension

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



7AA7CB



85C9FF



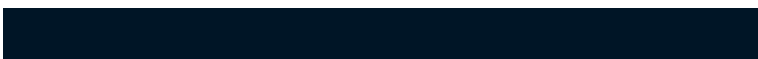
7A7FCB



5C6166



005CA6



001526

Inverse Universe

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



CB7AA7



FF85C9



CBC67A



665C61



A6005C



260015

Previews

White Background



This preview shows how the Hex color 7AA7CB looks on a white background.

Color Contrast Check

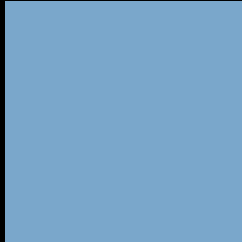
Large Text (above 18pt) WCAG AA × Fail

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 7AA7CB 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

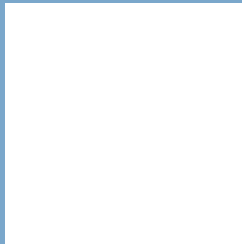
Any Text WCAG AAA ✓ Pass

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

Hex 7AA7CB Background



This preview shows how black text looks on a background with the Hex color 7AA7CB.

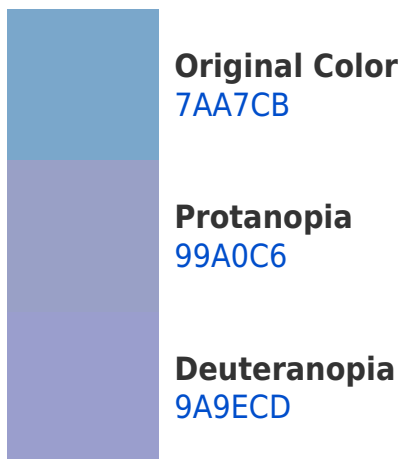


This preview shows how white text looks on a background with the Hex color 7AA7CB.

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](#).

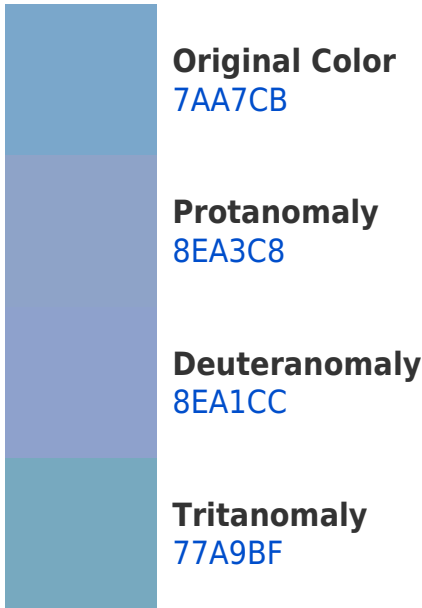
Dichromacy





Tritanopia
75AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7AA7CB 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 #7AA7CB looks like.

```
.text, #text, p{  
    color:#7AA7CB  
}
```

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 #7AA7CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AA7CB  
}
```

Border

The CSS property to change the border of an element to Hex 7AA7CB 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  
#7AA7CB }
```

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

```
.border{ border-color:#7AA7CB }
```

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

Here you see how a box with a 4 pixel #7AA7CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AA7CB; -webkit-box-shadow:4px 4px  
4px 4px #7AA7CB; box-shadow:4px 4px 4px  
4px #7AA7CB }
```

Background

The CSS property to change the background color of an element to Hex 7AA7CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AA7CB }
```

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

```
.background{ background-color:#7AA7CB }
```

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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