

Converting Colors

Hex(7AADCC)

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

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Color

Hex(7AADCC)

Conversions

Conversions Part 1

Format	Color
Hex	7AADCC
RGB	122, 173, 204
RGB Percent	48%, 68%, 80%
CMY	0.5216, 0.3216, 0.2000
CMYK	0.40, 0.15, 0.00, 0.20
HSL	203°, 45%, 64%
HSV	203°, 40%, 80%
XYZ	33.8687, 38.3843, 62.7506
YIQ	161.2850, -40.3470, -1.1710

Conversions

Conversions Part 2

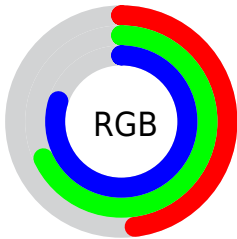
Format	Color
RYB	122, 153, 204
Decimal	8039884
CIELab	68.30, -8.90, -21.09
CIELCh	68, 22.887, 247.126
Yxy	38.3843, 0.2509, 0.2843
Android (android.graphics.Color)	4286229964 (0xFF7AADCC)
YUV	161.2850, 21.0585, -34.4529
Hunter-Lab	61.9551, -10.8417, -16.6827

Details

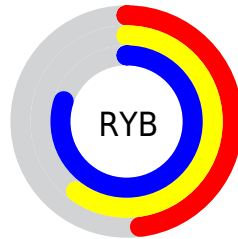
The Hex color **7AADCC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CC997A**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **B1E4FF**, and **447996** is the 20% darker color. If you saturate the color by 10%, you get **66A5CC**, and if you desaturate by 10%, it is **8EB5CC**.

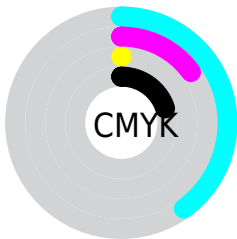
Distribution



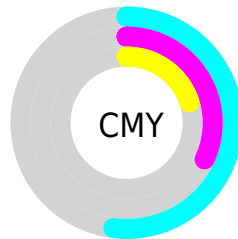
- Red (48%)
- Green (68%)
- Blue (80%)



- Red (48%)
- Yellow (60%)
- Blue (80%)



- Cyan (40%)
- Magenta (15%)
- Yellow (0%)
- Black (20%)



- Cyan (52%)
- Magenta (32%)
- Yellow (20%)

Brightness & Saturation Gradients

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

■ 7AADCC

■ 7AADCC

FFFFFF

■ 5F92B1

■ B1E4FF

■ 447996

■ CEFFFF

■ 28607C

■ EBFFFF

■ 014863

■ 00324B

■ 001D34

■ 00021F

■ 000002

■ 000000

7AADCC

7AADCC

66A5CC

8EB5CC

519ECC

A3BCCC

3D96CC

B7C4CC

288ECC

CCCCCC

1486CC

E0D4CC

007FCC

F4DBCC

FFE3CC

FFEBC

FFF2CC

Harmonies

Analogous

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



6CB1BF



7AADCC



94A7CF

Triad

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



7AADCC



D098A2



9AAD85

Complementary

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



7AADCC



CC997A

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.



B1A77E



7AADCC



CF9A8F

Square

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



7AADCC



C59AB7



C4A081



83B196

Rectangle

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



7AADCC



A7A2CB



C4A081



A2AB81

Sweetspot

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



7AADCC



E0F3FF



7ACC98



6E7980



000000



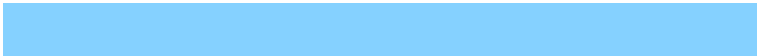
808080

Same Dimension

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



7AADCC



85D1FF



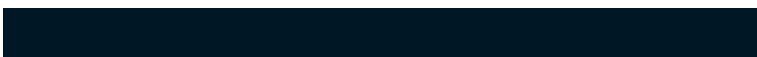
7A85CC



5C6266



0067A6



001826

Inverse Universe

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



CC7AAD



FF85D1



CCC17A



665C62



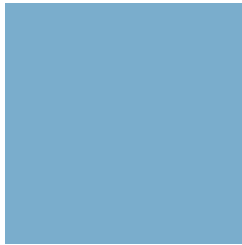
A60067



260018

Previews

White Background



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

Color Contrast Check

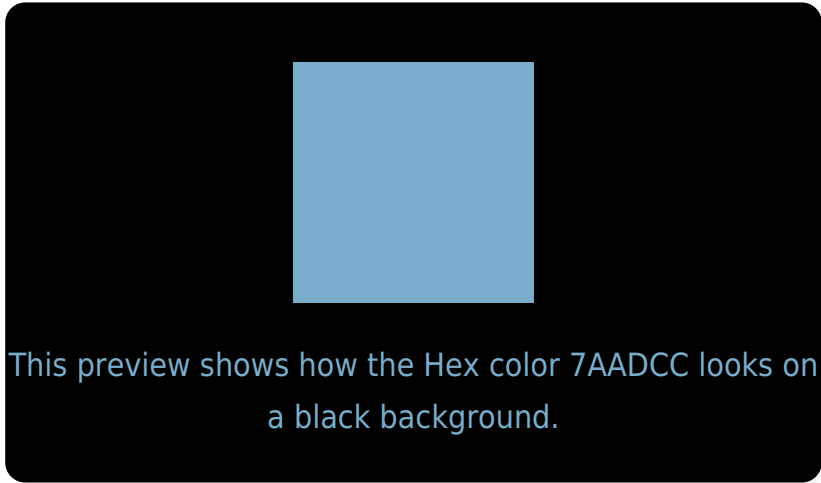
Large Text (above 18pt) WCAG AA × Fail

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

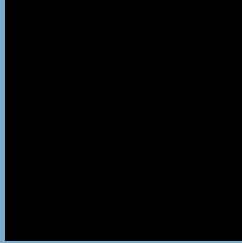
Any Text WCAG AA ✓ Pass

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 7AADCC Background



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

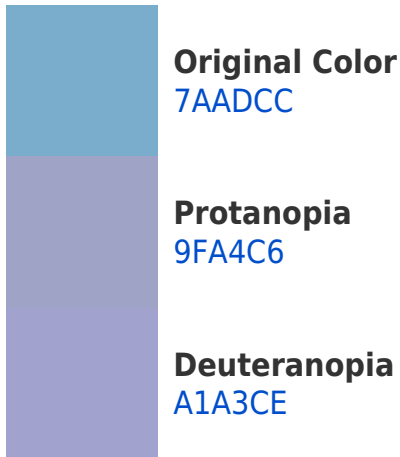


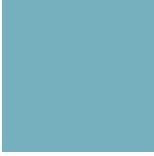
This preview shows how white text looks on a background with the Hex color 7AADCC.

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](#).

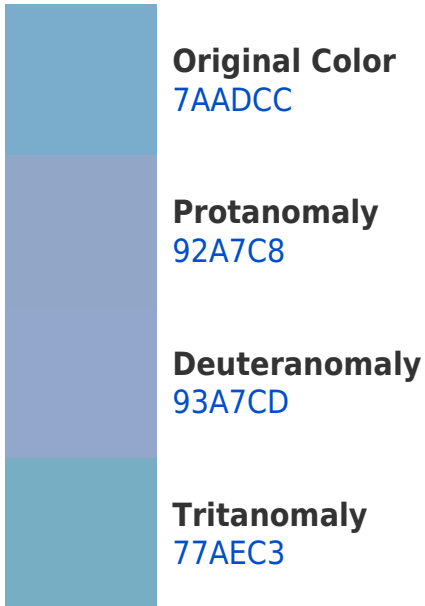
Dichromacy



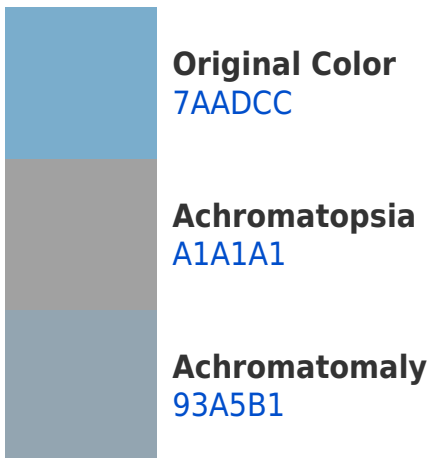


Tritanopia
76AFBE

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #7AADCC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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