

Converting Colors

Hex(7AA9CC)

Have a look what the booklet for
Hex(7AA9CC) contains.

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Color

Hex(7AA9CC)

Conversions

Conversions Part 1

Format	Color
Hex	7AA9CC
RGB	122, 169, 204
RGB Percent	48%, 66%, 80%
CMY	0.5216, 0.3373, 0.2000
CMYK	0.40, 0.17, 0.00, 0.20
HSL	206°, 45%, 64%
HSV	206°, 40%, 80%
XYZ	33.1131, 36.8731, 62.4987
YIQ	158.9370, -39.2470, 0.9210

Conversions

Conversions Part 2

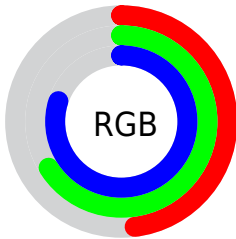
Format	Color
R _{YB}	122, 152, 204
Decimal	8038860
CIE Lab	67.18, -6.72, -22.80
CIE LCh	67, 23.767, 253.577
Yxy	36.8731, 0.2499, 0.2783
Android (android.graphics.Color)	4286228940 (0xFF7AA9CC)
YUV	158.9370, 22.2161, -32.3937
Hunter-Lab	60.7233, -8.9276, -18.5173

Details

The Hex color **7AA9CC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CC9D7A**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **B1E0FF**, and **447596** is the 20% darker color. If you saturate the color by 10%, you get **66A0CC**, and if you desaturate by 10%, it is **8EB2CC**.

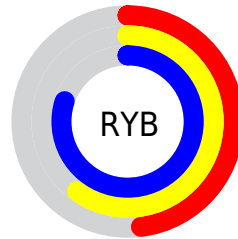
Distribution



Red (48%)

Green (66%)

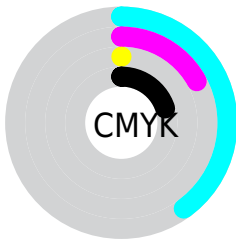
Blue (80%)



Red (48%)

Yellow (60%)

Blue (80%)

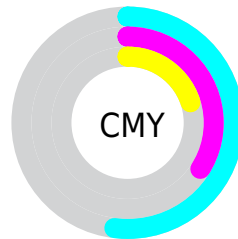


Cyan (40%)

Magenta (17%)

Yellow (0%)

Black (20%)



Cyan (52%)

Magenta (34%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AA9CC 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 7AA9CC by changing the saturation by 10% instead.

 7AA9CC

 7AA9CC

FFFFFF

 5F8FB0

 B1E0FF

 447596

 CEFDFE

 285C7C

 EAFFFF

 024563

 002F4B

 001A34

 00021F

 000002

 000000

■ 7AA9CC

■ 7AA9CC

■ 66A0CC

■ 8EB2CC

■ 5198CC

■ A3BACC

■ 3D8FCC

■ B7C3CC

■ 2886CC

■ CCCCCC

■ 147DCC

■ E0D5CC

■ 0075CC

■ F4DDCC

■ FFE6CC

■ FFEFCC

■ FFF7CC

Harmonies

Analogous

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



67AEC0



7AA9CC



97A2CD

Triad

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



7AA9CC



CF949A



91AB84

Complementary

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



7AA9CC



CC9D7A

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.



A9A57A



7AA9CC



CC9887

Square

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



7AA9CC



C795B0



BE9E7B



79AF97

Rectangle

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



7AA9CC



AA9DC7



BE9E7B



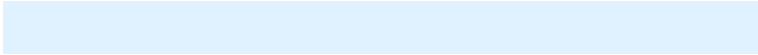
99A97F

Sweetspot

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



7AA9CC



E0F2FF



7ACC9C



6E7880



000000



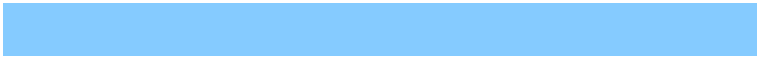
808080

Same Dimension

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



7AA9CC



85CBFF



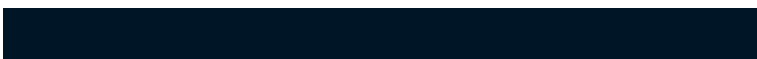
7A81CC



5C6266



005FA6



001626

Inverse Universe

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



CC7AA9



FF85CB



CCC57A



665C62



A6005F



260016

Previews

White Background



This preview shows how the Hex color 7AA9CC looks on a white background.

Color Contrast Check

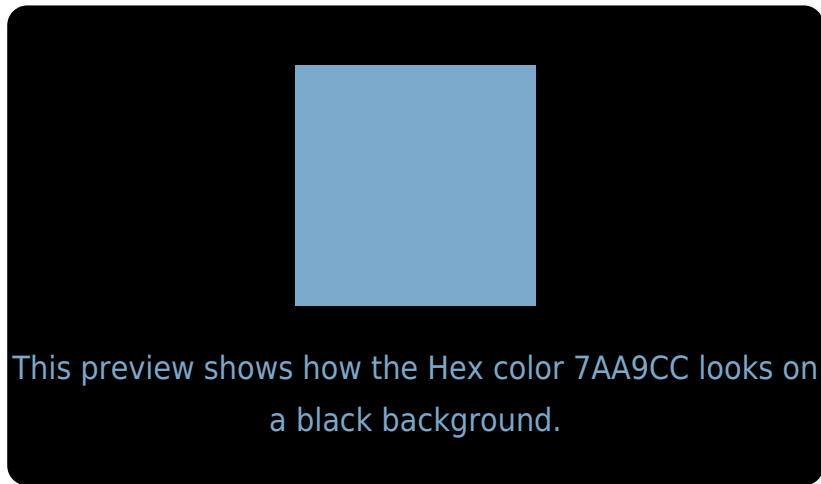
Large Text (above 18pt) WCAG AA × Fail

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

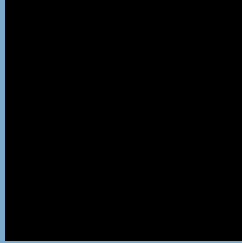
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

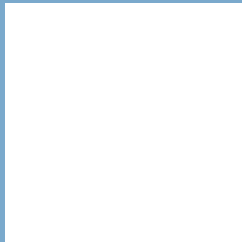
Any Text WCAG AAA ✓ Pass

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

Hex 7AA9CC Background



This preview shows how black text looks on a background with the Hex color 7AA9CC.

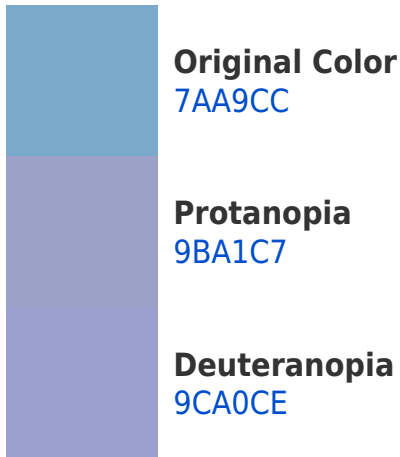


This preview shows how white text looks on a background with the Hex color 7AA9CC.

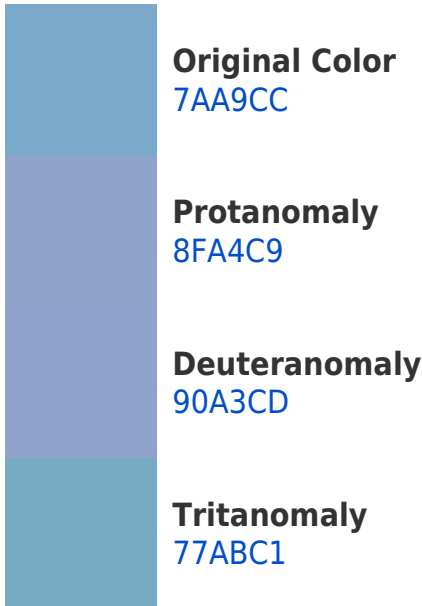
Color Blindness Simulation

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](#).

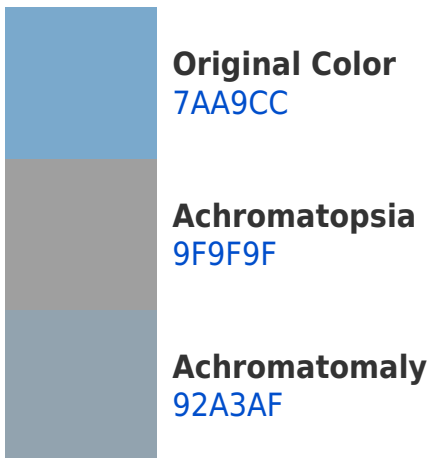
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7AA9CC 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 #7AA9CC looks like.

```
.text, #text, p{  
    color:#7AA9CC  
}
```

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 #7AA9CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AA9CC  
}
```

Border

The CSS property to change the border of an element to Hex 7AA9CC 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  
#7AA9CC }
```

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

```
.border{ border-color:#7AA9CC }
```

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

Here you see how a box with a 4 pixel #7AA9CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AA9CC; -webkit-box-shadow:4px 4px  
4px 4px #7AA9CC; box-shadow:4px 4px 4px  
4px #7AA9CC }
```

Background

The CSS property to change the background color of an element to Hex 7AA9CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AA9CC }
```

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

```
.background{ background-color:#7AA9CC }
```

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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