

Converting Colors

Hex(7AA1CE)

Have a look what the booklet for
Hex(7AA1CE) contains.

Hex(7AA1CE)	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(7AA1CE)

Conversions

Conversions Part 1

Format	Color
Hex	7AA1CE
RGB	122, 161, 206
RGB Percent	48%, 63%, 81%
CMY	0.5216, 0.3686, 0.1922
CMYK	0.41, 0.22, 0.00, 0.19
HSL	212°, 46%, 64%
HSV	212°, 41%, 81%
XYZ	31.9115, 34.0835, 63.2894
YIQ	154.4690, -37.6890, 5.7270

Conversions

Conversions Part 2

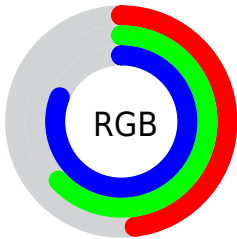
Format	Color
R_{YB}	122, 149, 206
Decimal	8036814
CIE _{Lab}	65.03, -1.75, -27.21
CIE _{LCh}	65, 27.263, 266.324
Yxy	34.0835, 0.2468, 0.2636
Android (android.graphics.Color)	4286226894 (0xFF7AA1CE)
YUV	154.4690, 25.4048, -28.4753
Hunter-Lab	58.3811, -4.5977, -23.4079

Details

The Hex color **7AA1CE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CEA77A**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **B1D8FF**, and **446E98** is the 20% darker color. If you saturate the color by 10%, you get **6596CE**, and if you desaturate by 10%, it is **8FACCE**.

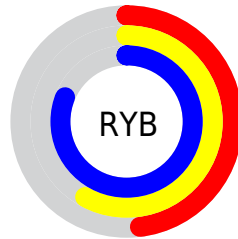
Distribution



Red (48%)

Green (63%)

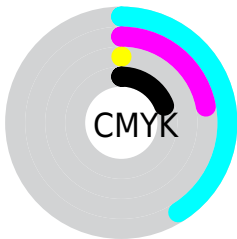
Blue (81%)



Red (48%)

Yellow (58%)

Blue (81%)

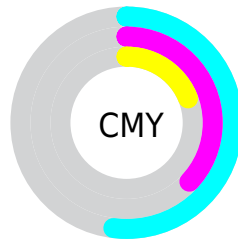


Cyan (41%)

Magenta (22%)

Yellow (0%)

Black (19%)



Cyan (52%)

Magenta (37%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AA1CE 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 7AA1CE by changing the saturation by 10% instead.

■ 7AA1CE

■ 7AA1CE

FFFFFF

■ 5F87B2

■ B1D8FF

■ 446E98

■ CEF4FF

■ 28557E

■ EAFFFF

■ 023E64

■ 00294C

■ 001435

■ 000220

■ 000003

■ 000000

■ 7AA1CE

■ 7AA1CE

■ 6596CE

■ 8FACCE

■ 518BCE

■ A3B7CE

■ 3C80CE

■ B8C2CE

■ 2875CE

■ CCCDCE

■ 136ACE

■ E1D8CE

■ 0060CE

■ F6E3CE

■ FFEECE

■ FFF9CE

■ FFFFCE

Harmonies

Analogous

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



5BA7C6



7AA1CE



9D99C9

Triad

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



7AA1CE



CF8D89



7CA882

Complementary

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



7AA1CE



CEA77A

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.



99A372



7AA1CE



C59376

Square

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



7AA1CE



CB8CA2



B29B6D



62AB9A

Rectangle

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



7AA1CE



B293C0



B29B6D



86A77B

Sweetspot

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



7AA1CE



E0EFFF



7ACEA7



6E7680



000000



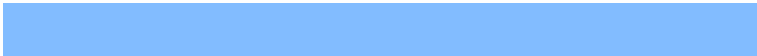
808080

Same Dimension

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



7AA1CE



82BCFF



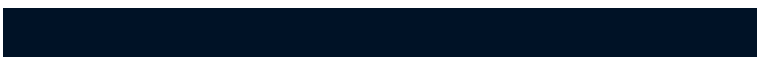
7D7ACE



5C6166



004DA6



001226

Inverse Universe

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



CE7AA1



FF82BC



CBCE7A



665C61



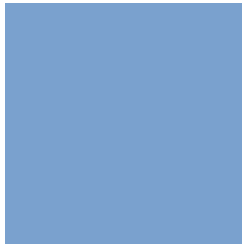
A6004D



260012

Previews

White Background



This preview shows how the Hex color 7AA1CE looks on a white background.

Color Contrast Check

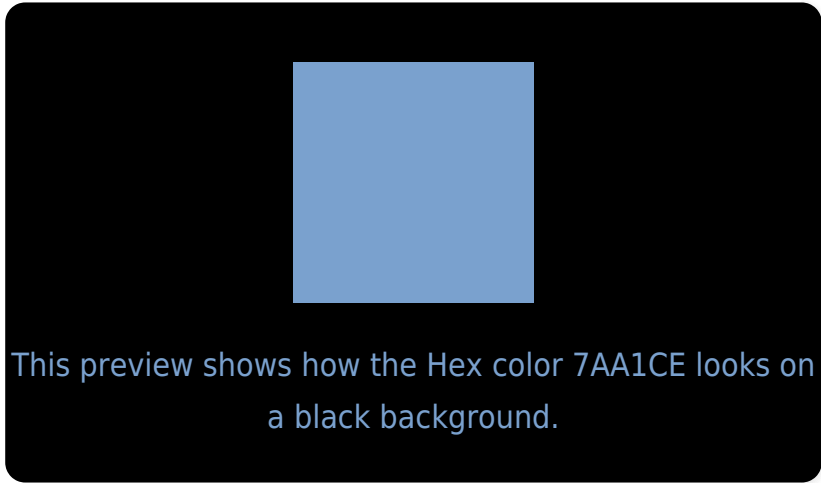
Large Text (above 18pt) WCAG AA × Fail

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

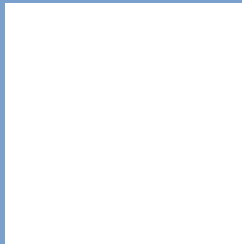
Any Text WCAG AAA ✓ Pass

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

Hex 7AA1CE Background



This preview shows how black text looks on a background with the Hex color 7AA1CE.

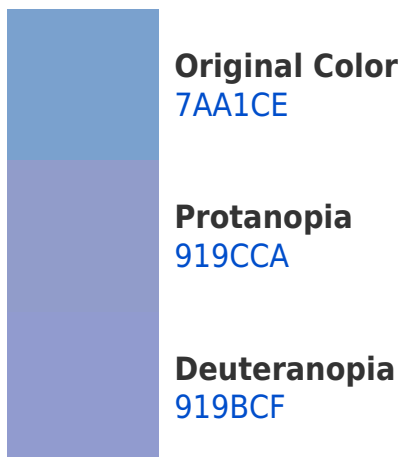


This preview shows how white text looks on a background with the Hex color 7AA1CE.

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](#).

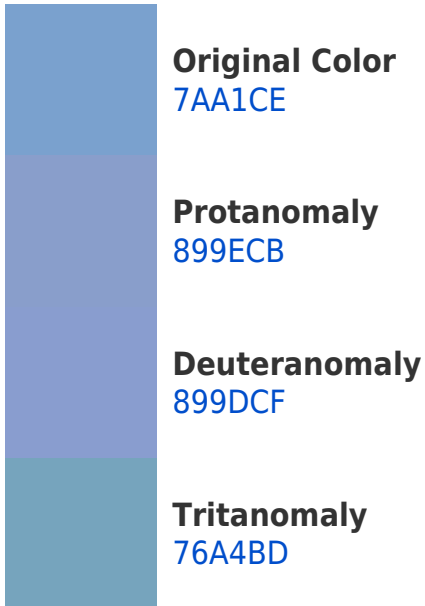
Dichromacy



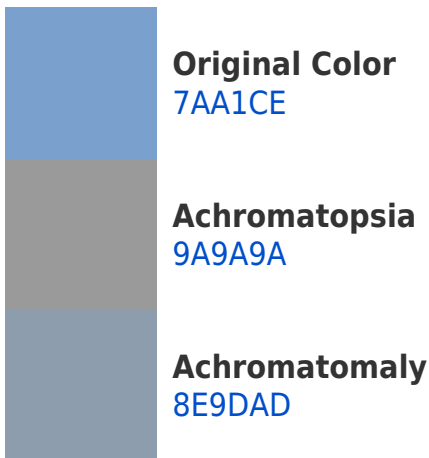


Tritanopia
73A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7AA1CE 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 #7AA1CE looks like.

```
.text, #text, p{  
    color:#7AA1CE  
}
```

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 #7AA1CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AA1CE
}
```

Border

The CSS property to change the border of an element to Hex 7AA1CE 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
#7AA1CE }
```

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

```
.border{ border-color:#7AA1CE }
```

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

Here you see how a box with a 4 pixel #7AA1CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AA1CE; -webkit-box-shadow:4px 4px  
4px 4px #7AA1CE; box-shadow:4px 4px 4px  
4px #7AA1CE }
```

Background

The CSS property to change the background color of an element to Hex 7AA1CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AA1CE }
```

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

```
.background{ background-color:#7AA1CE }
```

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