

Converting Colors

Hex(7AAECA)

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

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Color

Hex(7AAECA)

Conversions

Conversions Part 1

Format	Color
Hex	7AAECA
RGB	122, 174, 202
RGB Percent	48%, 68%, 79%
CMY	0.5216, 0.3176, 0.2078
CMYK	0.40, 0.14, 0.00, 0.21
HSL	201°, 43%, 64%
HSV	201°, 40%, 79%
XYZ	33.8228, 38.6739, 61.5593
YIQ	161.6440, -39.9800, -2.3160

Conversions

Conversions Part 2

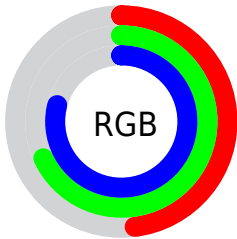
Format	Color
RYB	122, 154, 202
Decimal	8040138
CIELab	68.51, -9.97, -19.66
CIElCh	69, 22.045, 243.117
Yxy	38.6739, 0.2523, 0.2885
Android (android.graphics.Color)	4286230218 (0xFF7AAECA)
YUV	161.6440, 19.8955, -34.7678
Hunter-Lab	62.1884, -11.7478, -15.1584

Details

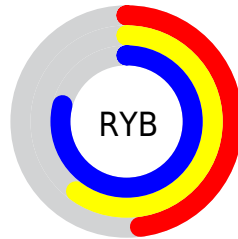
The Hex color **7AAECA** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CA967A**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **B1E5FF**, and **447A94** is the 20% darker color. If you saturate the color by 10%, you get **66A7CA**, and if you desaturate by 10%, it is **8EB5CA**.

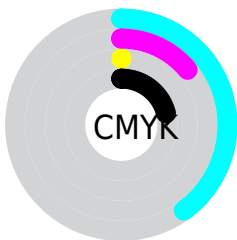
Distribution



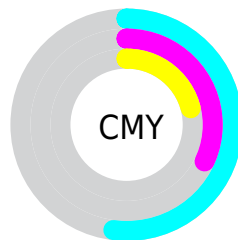
- Red (48%)
- Green (68%)
- Blue (79%)



- Red (48%)
- Yellow (60%)
- Blue (79%)



- Cyan (40%)
- Magenta (14%)
- Yellow (0%)
- Black (21%)



- Cyan (52%)
- Magenta (32%)
- Yellow (21%)

Brightness & Saturation Gradients

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

 7AAECA

 7AAECA

FFFFFF

 5F93AF

 B1E5FF

 447A94

 CEFFFF

 28617A

 EAFFFF

 024961

 003349

 001E33

 00021E

 000000

 7AAECA

 7AAECA

66A7CA

8EB5CA

52A0CA

A2BCCA

3D99CA

B7C3CA

2992CA

CBCACA

158BCA

DFD1CA

0184CA

F3D8CA

0083CA

FFDFCA

FFE7CA

FFEECA

Harmonies

Analogous

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



6FB2BC



7AAECA



92A8CF

Triad

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



7AAECA



CF99A6



9EAC85

Complementary

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



7AAECA



CA967A

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.



B4A67F



7AAECA



CF9B92

Square

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



7AAECA



C39BB9



C5A084



88B194

Rectangle

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



7AAECA



A4A4CC



C5A084



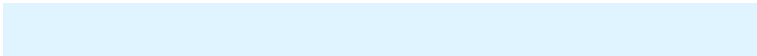
A6AB82

Sweetspot

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



7AAECA



E0F4FF



7ACA96



6E7980



000000



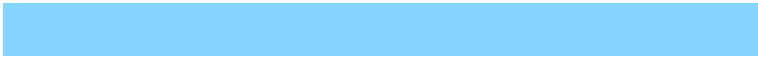
808080

Same Dimension

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



7AAECA



85D4FF



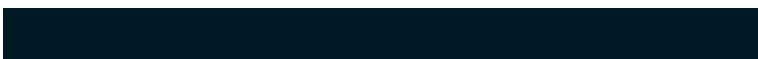
7A87CA



5C6266



006CA6



001926

Inverse Universe

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



CA7AAE



FF85D4



CABE7A



665C62



A6006C



260019

Previews

White Background



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

Color Contrast Check

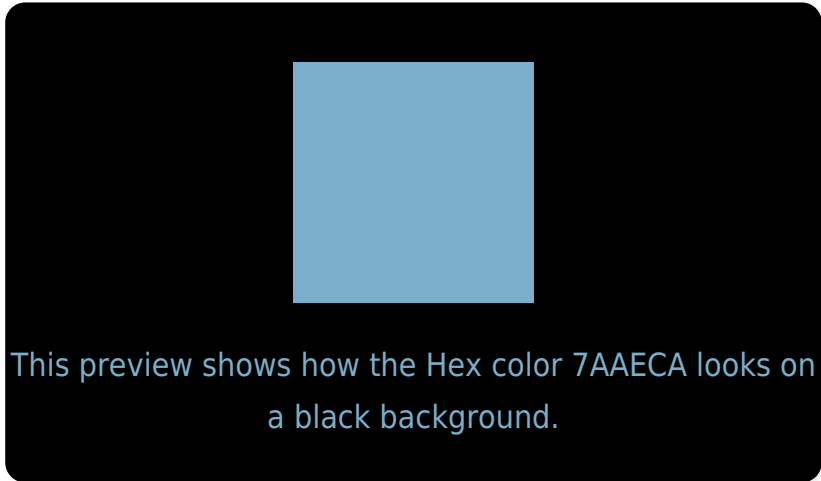
Large Text (above 18pt) WCAG AA × Fail

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

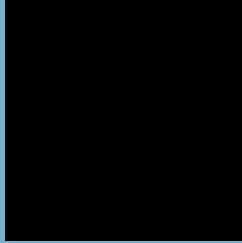
Any Text WCAG AA ✓ Pass

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 7AAECA Background



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

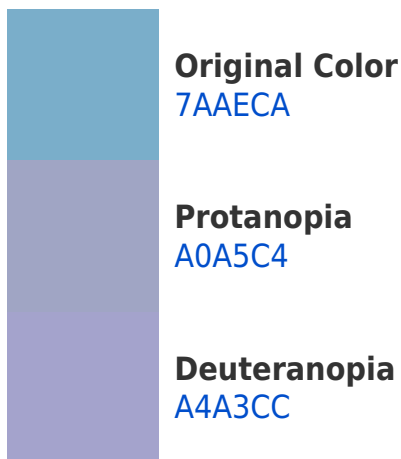


This preview shows how white text looks on a background with the Hex color 7AAECA.

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](#).

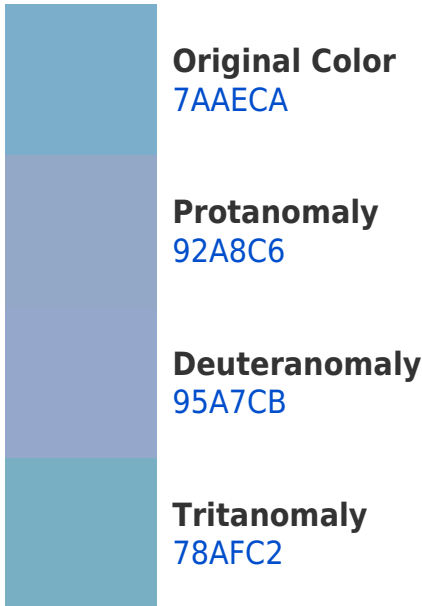
Dichromacy



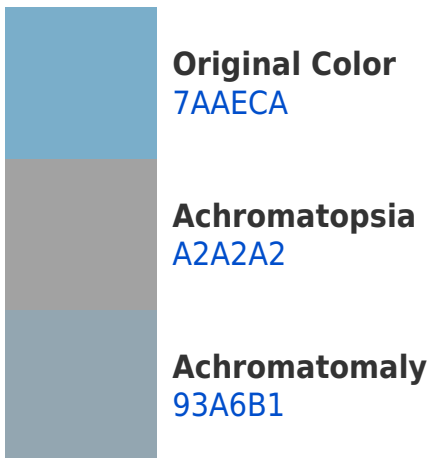


Tritanopia
77B0BE

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #7AAECA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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