

# Converting Colors

Hex(7BAACE)

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

|  |    |
|--|----|
| <b>Hex(7BAACE)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# **Color**

**Hex(7BAACE)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 7BAACE                     |
| RGB         | 123, 170, 206              |
| RGB Percent | 48%, 67%, 81%              |
| CMY         | 0.5176, 0.3333, 0.1922     |
| CMYK        | 0.40, 0.17, 0.00, 0.19     |
| HSL         | 206°, 46%, 65%             |
| HSV         | 206°, 40%, 81%             |
| XYZ         | 33.6837, 37.4166, 63.8393  |
| YIQ         | 160.0510, -39.5680, 1.2320 |

# Conversions

## Conversions Part 2

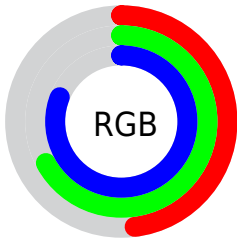
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 123, 153, 206                  |
| Decimal                             | 8104654                        |
| CIELab                              | 67.59, -6.46, -23.28           |
| CIELCh                              | 68, 24.156, 254.481            |
| Yxy                                 | 37.4166, 0.2496,<br>0.2773     |
| Android<br>(android.graphics.Color) | 4286294734<br>(0xFF7BAACE)     |
| YUV                                 | 160.0510, 22.6529,<br>-32.4937 |
| Hunter-Lab                          | 61.1691, -8.7524,<br>-19.0598  |

# Details

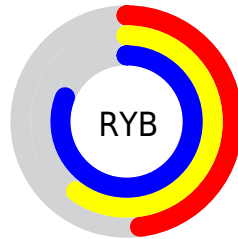
The Hex color **7BAACE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CE9F7B**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **B2E1FF**, and **457698** is the 20% darker color. If you saturate the color by 10%, you get **66A1CE**, and if you desaturate by 10%, it is **90B3CE**.

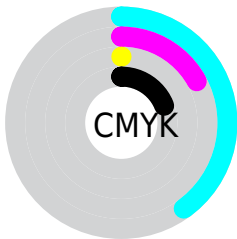
# Distribution



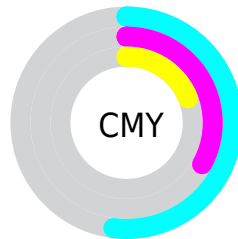
- Red (48%)
- Green (67%)
- Blue (81%)



- Red (48%)
- Yellow (60%)
- Blue (81%)



- Cyan (40%)
- Magenta (17%)
- Yellow (0%)
- Black (19%)



- Cyan (52%)
- Magenta (33%)
- Yellow (19%)

# Brightness & Saturation Gradients

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



 7BAACE

 7BAACE

FFFFFF

 6090B2

 B2E1FF

 457698

 CFFEFF

 295D7E

 ECFFFF

 034665

 00304C

 001B36

 000220

 000005

 000000

 7BAACE

 7BAACE

 66A1CE

 90B3CE

 5298CE

 A4BCCE

 3D8FCE

 B9C5CE

 2986CE

 CDCECE

 147DCE

 E2D7CE

 0075CE

 F7E0CE

 FFE9CE

 FFF1CE

 FFFACE

# Harmonies

## Analogous

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



67AFC2



7BAACE



99A3CF

# Triad

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



7BAACE



D1959B



91AC85

# Complementary

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



7BAACE



CE9F7B

# 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.



AAA77A



7BAACE



CD9987

# Square

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



7BAACE



C996B1



BF9F7B



79B098

# Rectangle

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



7BAACE



AC9EC8



BF9F7B



9AAB80



# Sweetspot

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



7BAACE



E0F2FF



7BCE9F



6E7880



000000



808080

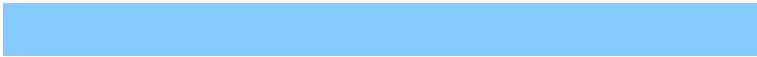


# Same Dimension

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



7BAACE



85CAFF



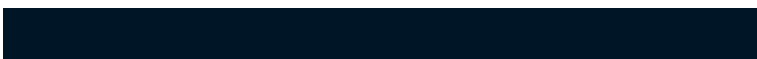
7B81CE



5C6266



005EA6



001626



# Inverse Universe

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



CE7BAA



FF85CA



CEC87B



665C62



A6005E



260016



# Previews

## White Background



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

## Color Contrast Check

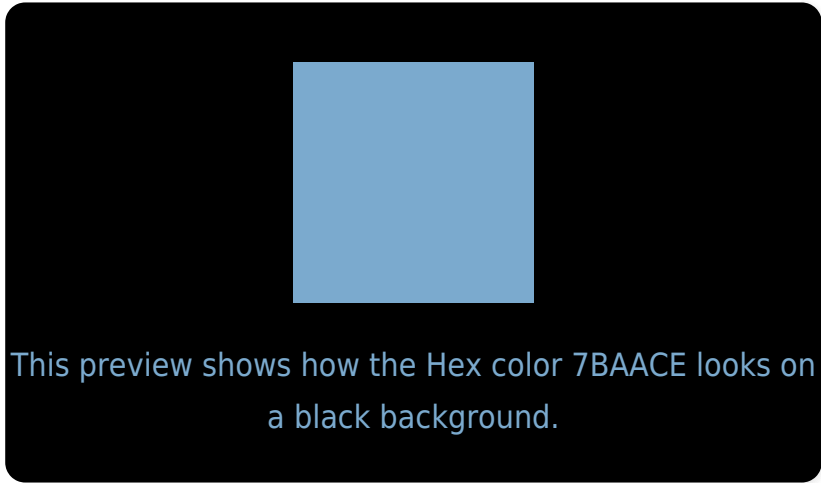
Large Text (above 18pt) WCAG AA × Fail

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

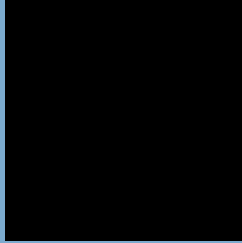
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

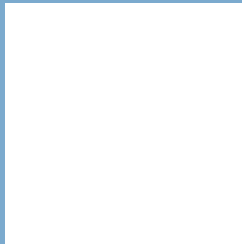
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7BAACE Background



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

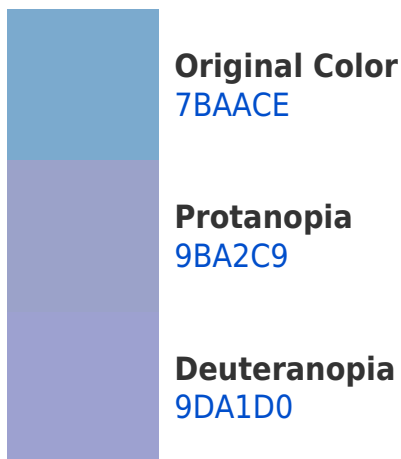


This preview shows how white text looks on a background with the Hex color 7BAACE.

# 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](#).

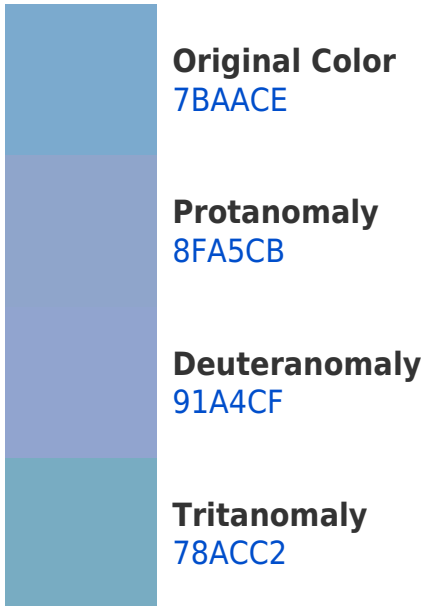
## Dichromacy



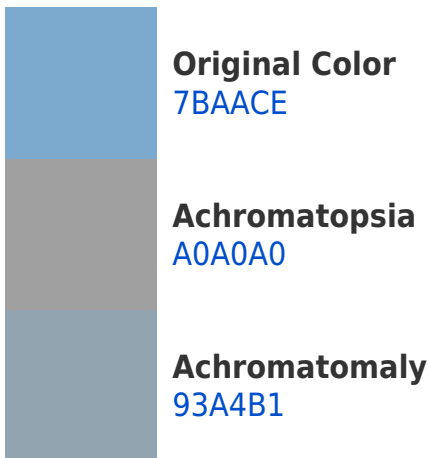


**Tritanopia**  
76ADBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #7BAACE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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