

Converting Colors

Hex(7A98B7)

Have a look what the booklet for
Hex(7A98B7) contains.

Hex(7A98B7)	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(7A98B7)

Conversions

Conversions Part 1

Format	Color
Hex	7A98B7
RGB	122, 152, 183
RGB Percent	48%, 60%, 72%
CMY	0.5216, 0.4039, 0.2824
CMYK	0.33, 0.17, 0.00, 0.28
HSL	210°, 30%, 60%
HSV	210°, 33%, 72%
XYZ	27.8015, 30.0129, 49.1275
YIQ	146.5640, -27.8310, 3.2810

Conversions

Conversions Part 2

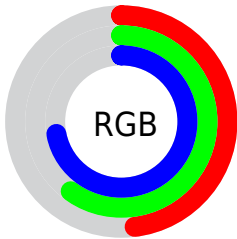
Format	Color
RYB	122, 142, 183
Decimal	8034487
CIELab	61.67, -2.86, -19.49
CIELCh	62, 19.700, 261.653
Yxy	30.0129, 0.2600, 0.2806
Android (android.graphics.Color)	4286224567 (0xFF7A98B7)
YUV	146.5640, 17.9629, -21.5426
Hunter-Lab	54.7841, -5.2879, -14.8194

Details

The Hex color **7A98B7** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **B7997A**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **B0CEEF**, and **476582** is the 20% darker color. If you saturate the color by 10%, you get **688FB7**, and if you desaturate by 10%, it is **8CA1B7**.

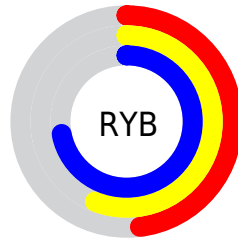
Distribution



Red (48%)

Green (60%)

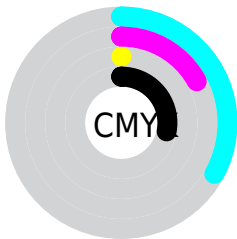
Blue (72%)



Red (48%)

Yellow (56%)

Blue (72%)

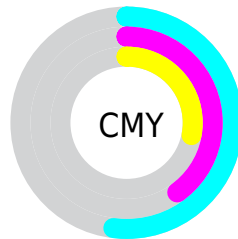


Cyan (33%)

Magenta (17%)

Yellow (0%)

Black (28%)



Cyan (52%)

Magenta (40%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A98B7 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 7A98B7 by changing the saturation by 10% instead.

■ 7A98B7

■ 7A98B7

FFFFFF

■ 607E9C

■ B0CEEF

■ 476582

■ CCEAFF

■ 2E4D69

■ E8FFFF

■ 133751

■ 002139

■ 000A24

■ 00000C

■ 000000

■ 7A98B7

■ 7A98B7

■ 688FB7

■ 8CA1B7

■ 5585B7

■ 9FABB7

■ 437CB7

■ B1B4B7

■ 3173B7

■ C3BDB7

■ 1F6AB7

■ D6C7B7

■ 0C60B7

■ E8D0B7

■ 005AB7

■ FAD9B7

■ FFE2B7

■ FFECB7

Harmonies

Analogous

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



689CB0



7A98B7



9192B5

Triad

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



7A98B7



B98989



819C7F

Complementary

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



7A98B7



B7997A

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.



959874



7A98B7



B48D7A

Square

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



7A98B7



B5899B



A79273



6F9F8F

Rectangle

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



7A98B7



A08EAF



A79273



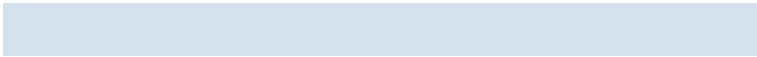
879B7B

Sweetspot

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



7A98B7



D5E1ED



7AB799



697178



F7F7F7



787878

Same Dimension

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



7A98B7



8EBDED



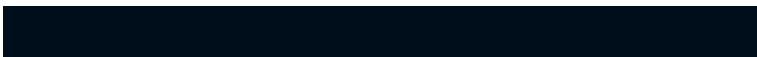
7A7AB7



53575C



004D9C



000E1C

Inverse Universe

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



B77A98



ED8EBD



B7B77A



5C5357



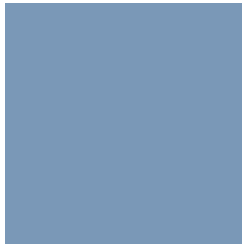
9C004D



1C000E

Previews

White Background



This preview shows how the Hex color 7A98B7 looks on a white background.

Color Contrast Check

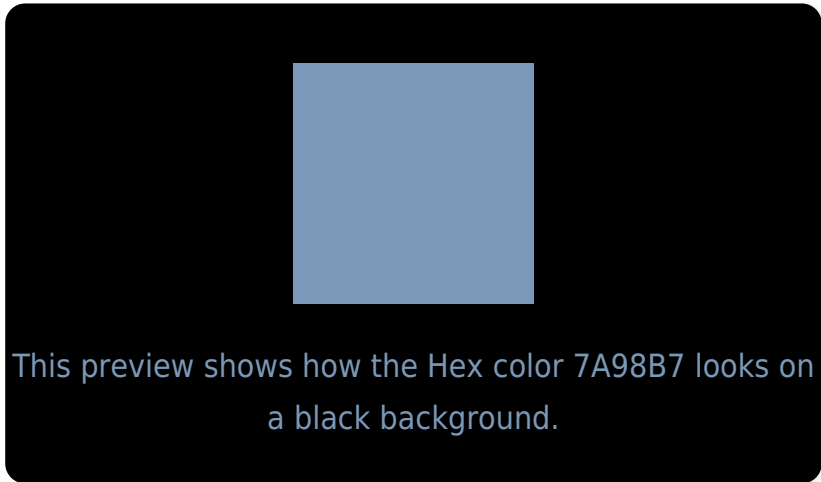
Large Text (above 18pt) WCAG AA ✓ Pass

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

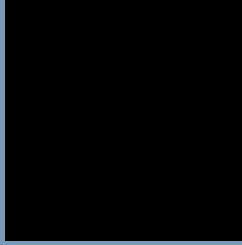
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

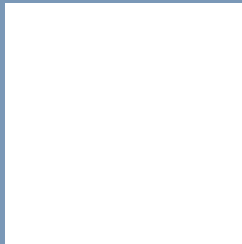
Any Text WCAG AAA ✓ Pass

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

Hex 7A98B7 Background



This preview shows how black text looks on a background with the Hex color 7A98B7.



This preview shows how white text looks on a background with the Hex color 7A98B7.

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](#).

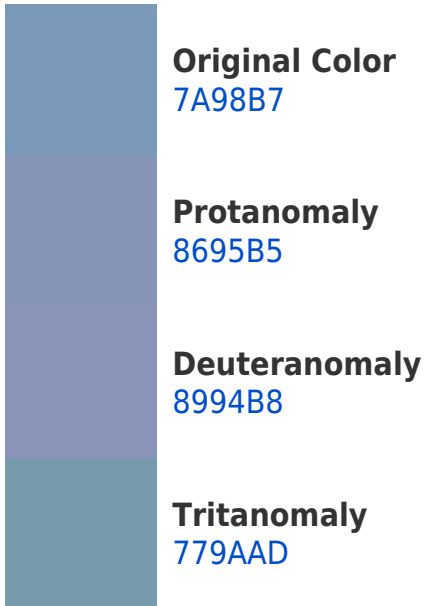
Dichromacy



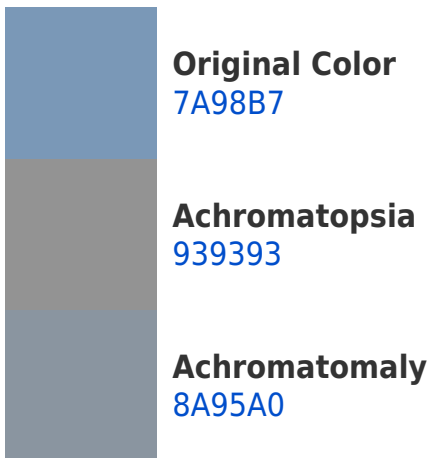


Tritanopia
769BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A98B7 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 #7A98B7 looks like.

```
.text, #text, p{  
    color:#7A98B7  
}
```

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 #7A98B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A98B7
}
```

Border

The CSS property to change the border of an element to Hex 7A98B7 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
#7A98B7 }
```

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

```
.border{ border-color:#7A98B7 }
```

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

Here you see how a box with a 4 pixel #7A98B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A98B7; -webkit-box-shadow:4px 4px  
4px 4px #7A98B7; box-shadow:4px 4px 4px  
4px #7A98B7 }
```

Background

The CSS property to change the background color of an element to Hex 7A98B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A98B7 }
```

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

```
.background{ background-color:#7A98B7 }
```

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