

Converting Colors

Hex(7898AC)

Have a look what the booklet for
Hex(7898AC) contains.

| | |
|--|----|
| Hex(7898AC) | 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(7898AC)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 7898AC |
| RGB | 120, 152, 172 |
| RGB Percent | 47%, 60%, 67% |
| CMY | 0.5294, 0.4039, 0.3255 |
| CMYK | 0.30, 0.12, 0.00, 0.33 |
| HSL | 203°, 24%, 57% |
| HSV | 203°, 30%, 67% |
| XYZ | 26.4204, 29.4281, 43.3174 |
| YIQ | 144.7120, -25.4920, -0.5640 |

Conversions

Conversions Part 2

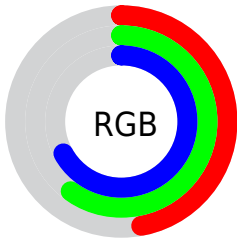
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 120, 140, 172 |
| Decimal | 7903404 |
| CIE _{Lab} | 61.16, -6.26, -14.06 |
| CIE _{LCh} | 61, 15.395, 246.003 |
| Yxy | 29.4281, 0.2664, 0.2968 |
| Android (android.graphics.Color) | 4286093484 (0xFF7898AC) |
| YUV | 144.7120, 13.4530, -21.6724 |
| Hunter-Lab | 54.2477, -7.9982, -9.3704 |

Details

The Hex color **7898AC** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AC8C78**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **ADCEE3**, and **456578** is the 20% darker color. If you saturate the color by 10%, you get **6791AC**, and if you desaturate by 10%, it is **899FAC**.

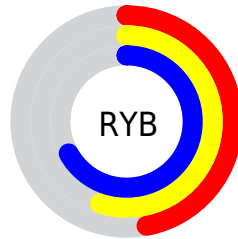
Distribution



Red (47%)

Green (60%)

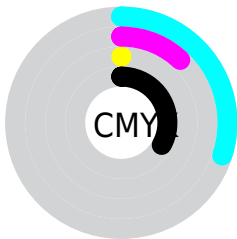
Blue (67%)



Red (47%)

Yellow (55%)

Blue (67%)

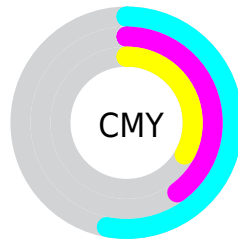


Cyan (30%)

Magenta (12%)

Yellow (0%)

Black (33%)



Cyan (53%)

Magenta (40%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7898AC 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 7898AC by changing the saturation by 10% instead.

■ 7898AC

■ 7898AC

FFFFFF

■ 5E7E91

■ ADCEE3

■ 456578

■ C9EAFF

■ 2D4D5F

■ E6FFFF

■ 143647

■ 002131

■ 00091C

■ 000000

■ 7898AC

■ 7898AC

■ 6791AC

■ 899FAC

■ 568BAC

■ 9AA5AC

■ 4484AC

■ ACACAC

■ 337EAC

■ BDB2AC

■ 2277AC

■ CEB9AC

■ 1170AC

■ DFC0AC

■ 006AAC

■ F0C6AC

■ FFCDAC

■ FFD4AC

Harmonies

Analogous

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



709BA3



7898AC



8894AE

Triad

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



7898AC



AF8A91



8C987D

Complementary

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



7898AC



AC8C78

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.



9C9479



7898AC



AF8B84

Square

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



7898AC



A88C9F



A88F7B



7D9B88

Rectangle

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



7898AC



9491AC



A88F7B



91967B

Sweetspot

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



7898AC



CCD9E0



78AC8C



646B70



F0F0F0



707070

Same Dimension

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



7898AC



90C1E0



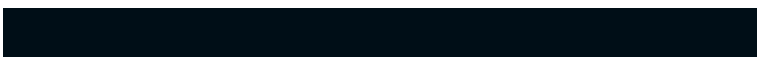
787EAC



4E5357



005D96



000E17

Inverse Universe

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



AC7898



E090C1



ACA678



574E53



96005D



17000E

Previews

White Background



This preview shows how the Hex color 7898AC looks on a white background.

Color Contrast Check

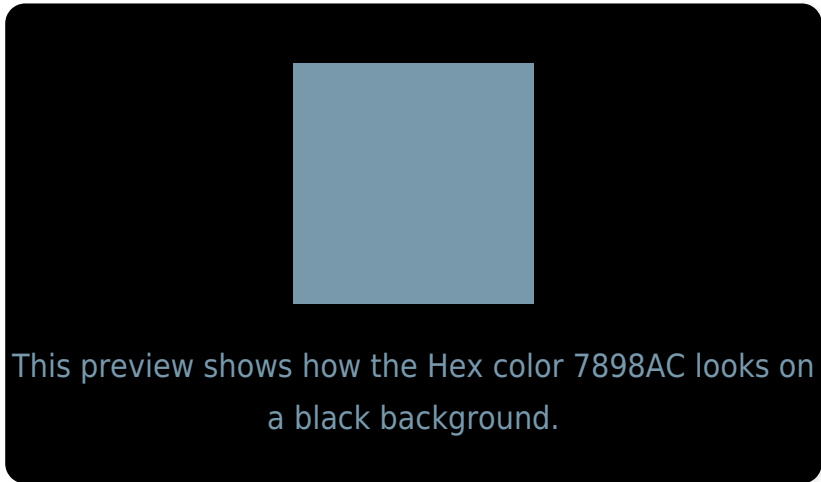
Large Text (above 18pt) WCAG AA ✓ Pass

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

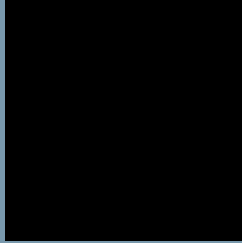
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

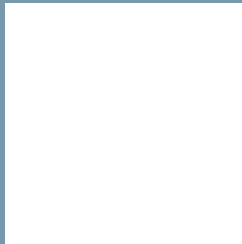
Any Text WCAG AAA × Fail

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

Hex 7898AC Background



This preview shows how black text looks on a background with the Hex color 7898AC.



This preview shows how white text looks on a background with the Hex color 7898AC.

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



Original Color
7898AC

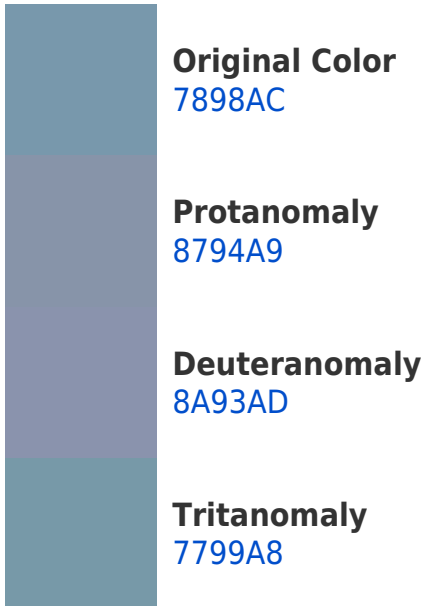
Protanopia
9092A8

Deuteranopia
9590AE

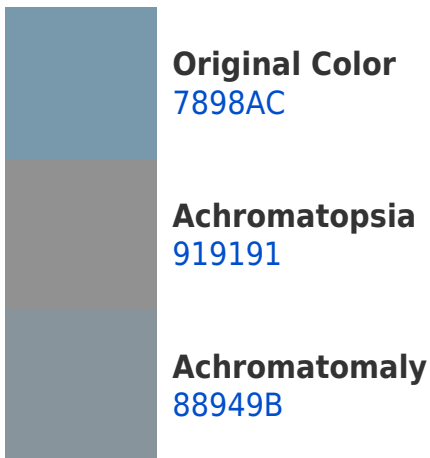


Tritanopia
7799A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7898AC 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 #7898AC looks like.

```
.text, #text, p{  
    color:#7898AC  
}
```

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 #7898AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7898AC
}
```

Border

The CSS property to change the border of an element to Hex 7898AC 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
#7898AC }
```

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

```
.border{ border-color:#7898AC }
```

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

Here you see how a box with a 4 pixel #7898AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7898AC; -webkit-box-shadow:4px 4px  
4px 4px #7898AC; box-shadow:4px 4px 4px  
4px #7898AC }
```

Background

The CSS property to change the background color of an element to Hex 7898AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7898AC }
```

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

```
.background{ background-color:#7898AC }
```

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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