

Converting Colors

Hex(7897C1)

Have a look what the booklet for
Hex(7897C1) contains.

Hex(7897C1)	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(7897C1)

Conversions

Conversions Part 1

Format	Color
Hex	7897C1
RGB	120, 151, 193
RGB Percent	47%, 59%, 76%
CMY	0.5294, 0.4078, 0.2431
CMYK	0.38, 0.22, 0.00, 0.24
HSL	215°, 37%, 61%
HSV	215°, 38%, 76%
XYZ	28.4380, 29.9765, 54.7393
YIQ	146.5190, -31.9580, 6.4900

Conversions

Conversions Part 2

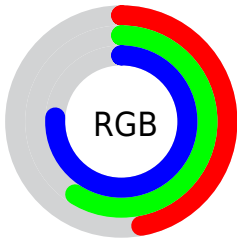
Format	Color
R_{YB}	120, 142, 193
Decimal	7903169
CIE _{Lab}	61.63, -0.21, -25.18
CIE _{LCh}	62, 25.178, 269.520
Yxy	29.9765, 0.2513, 0.2649
Android (android.graphics.Color)	4286093249 (0xFF7897C1)
YUV	146.5190, 22.9151, -23.2572
Hunter-Lab	54.7508, -3.0998, -20.9519

Details

The Hex color **7897C1** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C1A278**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **AECDFA**, and **44648B** is the 20% darker color. If you saturate the color by 10%, you get **658CC1**, and if you desaturate by 10%, it is **8BA2C1**.

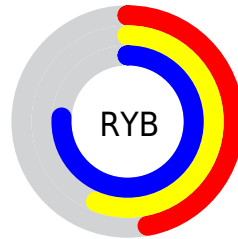
Distribution



Red (47%)

Green (59%)

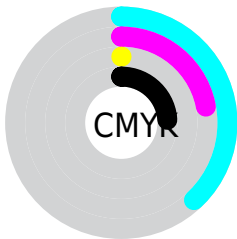
Blue (76%)



Red (47%)

Yellow (56%)

Blue (76%)

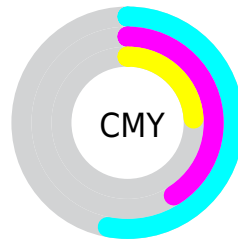


Cyan (38%)

Magenta (22%)

Yellow (0%)

Black (24%)



Cyan (53%)

Magenta (41%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7897C1 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 7897C1 by changing the saturation by 10% instead.

 7897C1

 7897C1

FFFFFF

 5E7DA6

 AECDFA

 44648B

 CBE9FF

 294D72

 E7FFFF

 093659

 002141

 00092B

 000116

 000000

 7897C1

 7897C1

■ 658CC1

■ 8BA2C1

■ 5181C1

■ 9FADC1

■ 3E76C1

■ B2B8C1

■ 2B6BC1

■ C5C3C1

■ 175FC1

■ D9CFC1

■ 0454C1

■ ECDAC1

■ 0052C1

■ FFE5C1

■ FFF0C1

■ FFFBC1

Harmonies

Analogous

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



5B9DBB



7897C1



988FBC

Triad

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



7897C1



C18680



749F7E

Complementary

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



7897C1



C1A278

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.



8D9A6E



7897C1



B88C6F

Square

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



7897C1



BF8596



A59368



5CA194

Rectangle

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



7897C1



AA8AB2



A59368



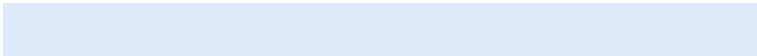
7C9E77

Sweetspot

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



7897C1



DEEAF8



78C1A1



6D747D



FCFCFC



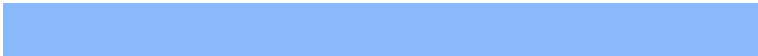
7D7D7D

Same Dimension

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



7897C1



89B9FA



7D78C1



575B61



0044A1



000E21

Inverse Universe

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



C17897



FA89B9



BCC178



61575B



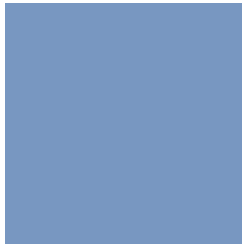
A10044



21000E

Previews

White Background



This preview shows how the Hex color 7897C1 looks on a white background.

Color Contrast Check

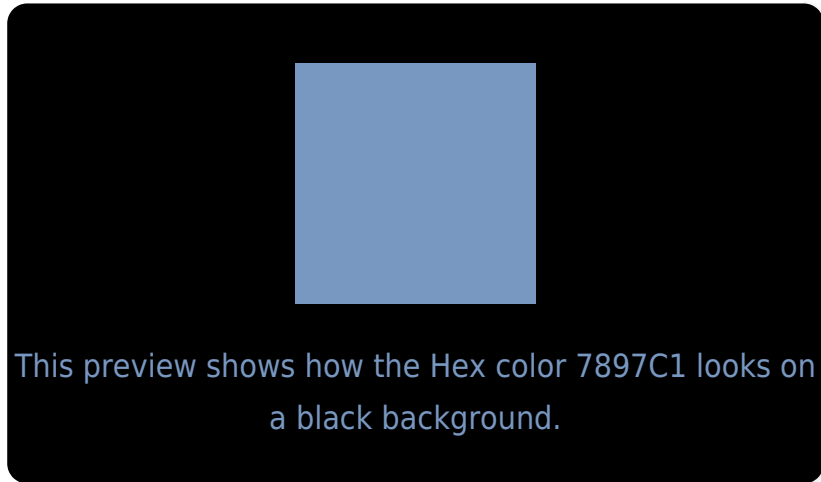
Large Text (above 18pt) WCAG AA ✓ Pass

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

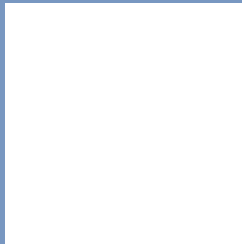
Any Text WCAG AAA ✓ Pass

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

Hex 7897C1 Background



This preview shows how black text looks on a background with the Hex color 7897C1.



This preview shows how white text looks on a background with the Hex color 7897C1.

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](#).

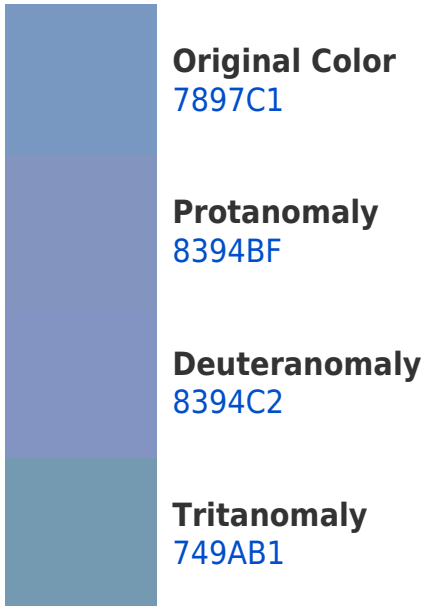
Dichromacy



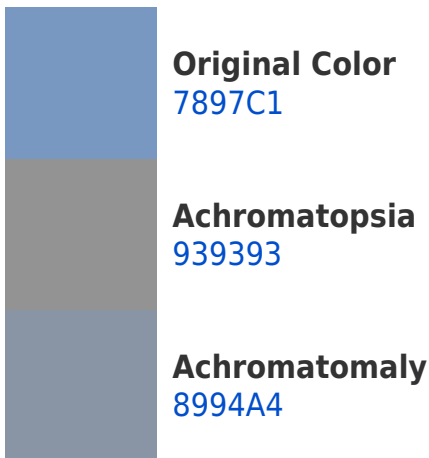


Tritanopia
729BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7897C1 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 #7897C1 looks like.

```
.text, #text, p{  
    color:#7897C1  
}
```

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 #7897C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7897C1
}
```

Border

The CSS property to change the border of an element to Hex 7897C1 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
#7897C1 }
```

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

```
.border{ border-color:#7897C1 }
```

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

Here you see how a box with a 4 pixel #7897C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7897C1; -webkit-box-shadow:4px 4px  
4px 4px #7897C1; box-shadow:4px 4px 4px  
4px #7897C1 }
```

Background

The CSS property to change the background color of an element to Hex 7897C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7897C1 }
```

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

```
.background{ background-color:#7897C1 }
```

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