

Converting Colors

Hex(7798CD)

Have a look what the booklet for
Hex(7798CD) contains.

Hex(7798CD)	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(7798CD)

Conversions

Conversions Part 1

Format	Color
Hex	7798CD
RGB	119, 152, 205
RGB Percent	47%, 60%, 80%
CMY	0.5333, 0.4039, 0.1961
CMYK	0.42, 0.26, 0.00, 0.20
HSL	217°, 46%, 64%
HSV	217°, 42%, 80%
XYZ	29.8554, 30.7862, 62.1264
YIQ	148.1750, -36.6810, 9.4870

Conversions

Conversions Part 2

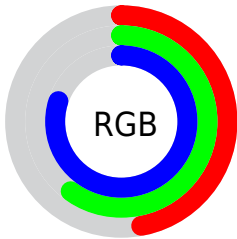
Format	Color
R _Y B	119, 143, 205
Decimal	7837901
CIE Lab	62.33, 2.27, -30.84
CIE LCh	62, 30.920, 274.209
Yxy	30.7862, 0.2432, 0.2508
Android (android.graphics.Color)	4286027981 (0xFF7798CD)
YUV	148.1750, 28.0147, -25.5865
Hunter-Lab	55.4853, -1.0523, -27.5468

Details

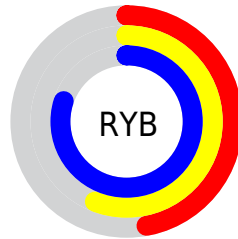
The Hex color **7798CD** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CDAC77**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **AECEFF**, and **416597** is the 20% darker color. If you saturate the color by 10%, you get **638BCD**, and if you desaturate by 10%, it is **8BA5CD**.

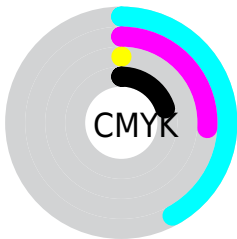
Distribution



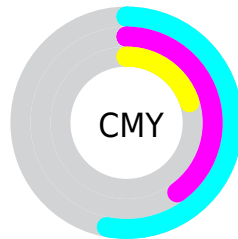
- Red (47%)
- Green (60%)
- Blue (80%)



- Red (47%)
- Yellow (56%)
- Blue (80%)



- Cyan (42%)
- Magenta (26%)
- Yellow (0%)
- Black (20%)



- Cyan (53%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7798CD 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 7798CD by changing the saturation by 10% instead.

 7798CD

 7798CD

FFFFFF

 5C7EB1

 AECEFF

 416597

 CBEAFF

 244E7C


 E7FFFF

 003763

 00224B

 000B34

 00021E

 000001

 000000

■ 7798CD

■ 7798CD

■ 638BCD

■ 8BA5CD

■ 4E7FCD

■ A0B1CD

■ 3A72CD

■ B5BECD

■ 2565CD

■ C9CBCD

■ 1059CD

■ DED7CD

■ 004FCD

■ F2E4CD

■ FFF0CD

■ FFFDCD

■ FFFFCD

Harmonies

Analogous

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



4CA0C7



7798CD



9F8EC4

Triad

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



7798CD



CB8579



68A37E

Complementary

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



7798CD



CDAC77

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.



889E69



7798CD



BD8D66

Square

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



7798CD



CB8294



A69660



47A69A

Rectangle

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



7798CD



B488B7



A69660



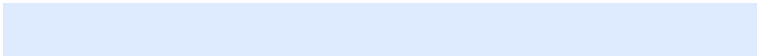
73A276

Sweetspot

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



7798CD



DEEBFF



77CDAB



6B7380



000000



808080

Same Dimension

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



7798CD



80B0FF



8077CD



5C6066



0040A6



000F26

Inverse Universe

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



CD7798



FF80B0



C4CD77



665C60



A60040



26000F

Previews

White Background



This preview shows how the Hex color 7798CD looks on a white background.

Color Contrast Check

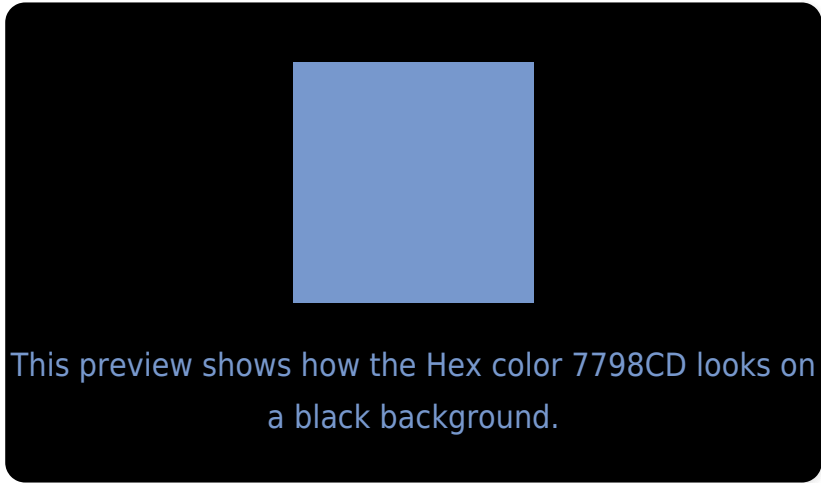
Large Text (above 18pt) WCAG AA × Fail

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

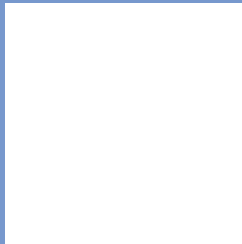
Any Text WCAG AAA ✓ Pass

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

Hex 7798CD Background



This preview shows how black text looks on a background with the Hex color 7798CD.



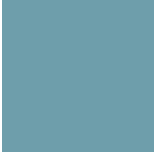
This preview shows how white text looks on a background with the Hex color 7798CD.

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](#).

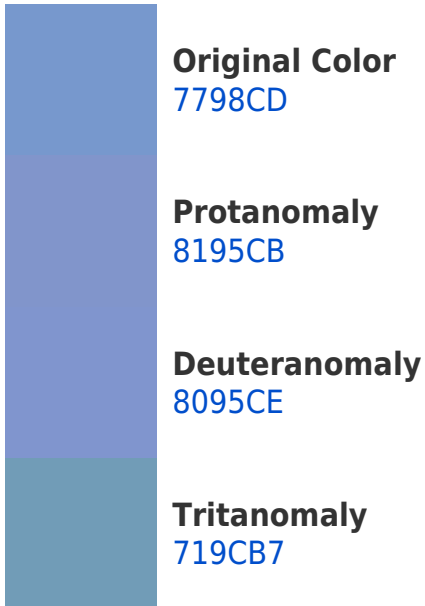
Dichromacy



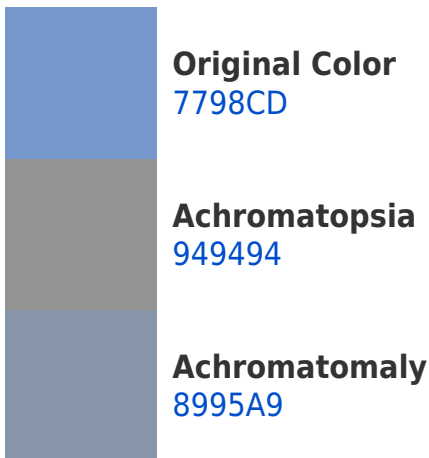


Tritanopia
6E9EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7798CD 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 #7798CD looks like.

```
.text, #text, p{  
    color:#7798CD  
}
```

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 #7798CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7798CD
}
```

Border

The CSS property to change the border of an element to Hex 7798CD 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
#7798CD }
```

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

```
.border{ border-color:#7798CD }
```

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

Here you see how a box with a 4 pixel #7798CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7798CD; -webkit-box-shadow:4px 4px  
4px 4px #7798CD; box-shadow:4px 4px 4px  
4px #7798CD }
```

Background

The CSS property to change the background color of an element to Hex 7798CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7798CD }
```

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

```
.background{ background-color:#7798CD }
```

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