

Converting Colors

Hex(7997CE)

Have a look what the booklet for
Hex(7997CE) contains.

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Color

Hex(7997CE)

Conversions

Conversions Part 1

Format	Color
Hex	7997CE
RGB	121, 151, 206
RGB Percent	47%, 59%, 81%
CMY	0.5255, 0.4078, 0.1922
CMYK	0.41, 0.27, 0.00, 0.19
HSL	219°, 46%, 64%
HSV	219°, 41%, 81%
XYZ	30.0923, 30.6544, 62.7234
YIQ	148.3000, -35.5350, 10.7450

Conversions

Conversions Part 2

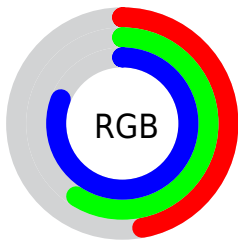
Format	Color
R _Y B	121, 143, 206
Decimal	7968718
CIE Lab	62.21, 3.65, -31.56
CIE LCh	62, 31.770, 276.595
Yxy	30.6544, 0.2437, 0.2483
Android (android.graphics.Color)	4286158798 (0xFF7997CE)
YUV	148.3000, 28.4461, -23.9421
Hunter-Lab	55.3664, 0.1258, -28.4118

Details

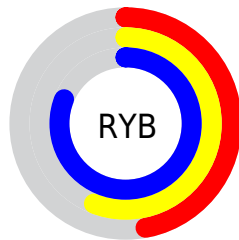
The Hex color **7997CE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CEB079**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **B0CDFF**, and **436497** is the 20% darker color. If you saturate the color by 10%, you get **648ACE**, and if you desaturate by 10%, it is **8EA4CE**.

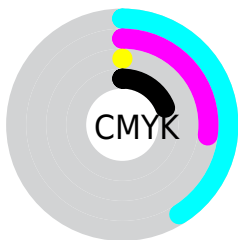
Distribution



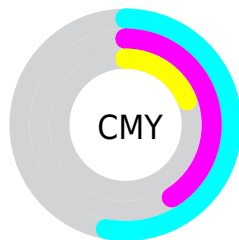
- Red (47%)
- Green (59%)
- Blue (81%)



- Red (47%)
- Yellow (56%)
- Blue (81%)



- Cyan (41%)
- Magenta (27%)
- Yellow (0%)
- Black (19%)



- Cyan (53%)
- Magenta (41%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7997CE 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 7997CE by changing the saturation by 10% instead.

 7997CE

 7997CE

FFFFFF

 5E7DB2

 B0CDFF

 436497

 CDE9FF

 274D7D

 E9FFFF

 003664

 00214C

 000A35

 00021F

 000002

 000000

■ 7997CE

■ 7997CE

■ 648ACE

■ 8EA4CE

■ 507CCE

■ A2B2CE

■ 3B6FCE

■ B7BFCE

■ 2762CE

■ CBCCCE

■ 1254CE

■ E0DACE

■ 0049CE

■ F5E7CE

■ FFF4CE

■ FFFFCE

Harmonies

Analogous

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



4C9FC9



7997CE



A28DC4

Triad

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



7997CE



CB8476



63A47F

Complementary

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



7997CE



CEB079

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.



859F68



7997CE



BC8D63

Square

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



7997CE



CD8191



A3975E



40A69C

Rectangle

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



7997CE



B787B6



A3975E



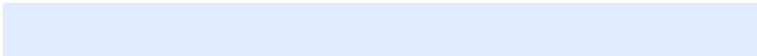
6FA276

Sweetspot

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



7997CE



E0EBFF



79CEAF



6E7480



000000



808080

Same Dimension

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



7997CE



80ADFF



8479CE



5C5F66



003BA6



000E26

Inverse Universe

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



CE7997



FF80AC



C3CE79



665C5F



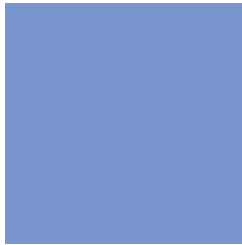
A6003A



26000D

Previews

White Background



This preview shows how the Hex color 7997CE looks on a white background.

Color Contrast Check

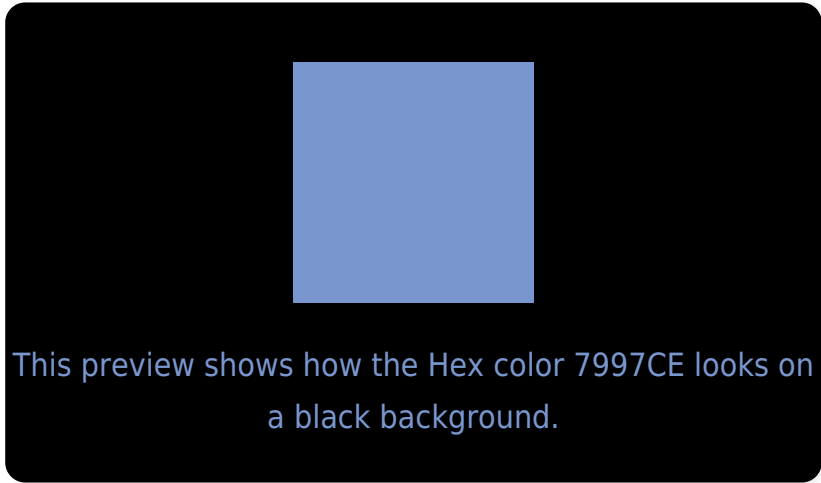
Large Text (above 18pt) WCAG AA × Fail

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

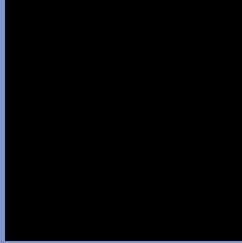
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

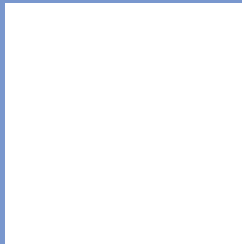
Any Text WCAG AAA ✓ Pass

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

Hex 7997CE Background



This preview shows how black text looks on a background with the Hex color 7997CE.




This preview shows how white text looks on a background with the Hex color 7997CE.

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](#).

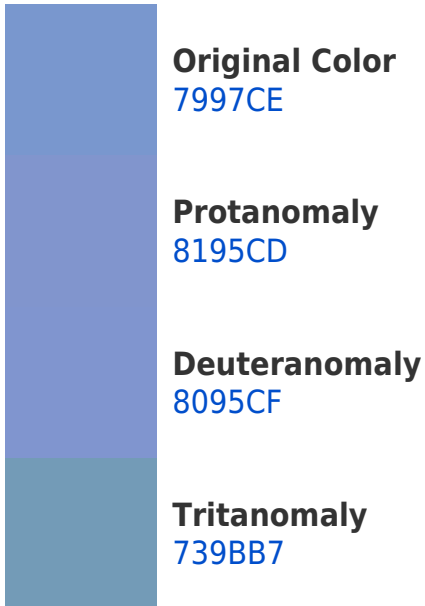
Dichromacy



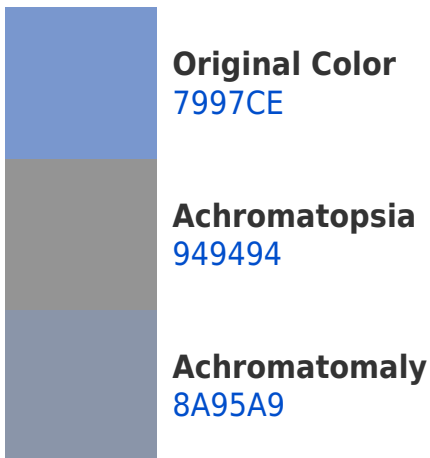


Tritanopia
709EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7997CE 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 #7997CE looks like.

```
.text, #text, p{  
    color:#7997CE  
}
```

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 #7997CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7997CE
}
```

Border

The CSS property to change the border of an element to Hex 7997CE is called "border". The border property can be set on classes, ids or directly on the HTML element.

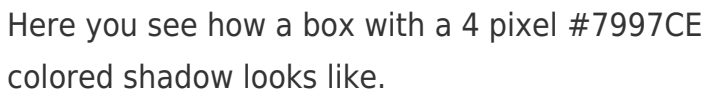
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7997CE }
```

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

```
.border{ border-color:#7997CE }
```

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



Here you see how a box with a 4 pixel `#7997CE` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7997CE; -webkit-box-shadow:4px 4px  
4px 4px #7997CE; box-shadow:4px 4px 4px  
4px #7997CE }
```

Background

The CSS property to change the background color of an element to Hex 7997CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7997CE }
```

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

```
.background{ background-color:#7997CE }
```

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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