

# Converting Colors

Hex(7790CF)

Have a look what the booklet for  
Hex(7790CF) contains.

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# **Color**

**Hex(7790CF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7790CF
RGB	119, 144, 207
RGB Percent	47%, 56%, 81%
CMY	0.5333, 0.4353, 0.1882
CMYK	0.43, 0.30, 0.00, 0.19
HSL	223°, 48%, 64%
HSV	223°, 43%, 81%
XYZ	28.8435, 28.3735, 62.9879
YIQ	143.7070, -35.1230, 14.2930

# Conversions

## Conversions Part 2

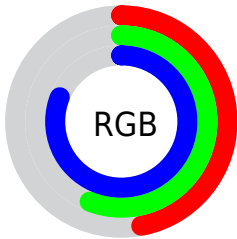
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">119, 138, 207</a>
Decimal	<a href="#">7835855</a>
CIELab	<a href="#">60.22, 7.45, -35.22</a>
CIELCh	<a href="#">60, 36.003, 281.936</a>
Yxy	<a href="#">28.3735, 0.2400, 0.2360</a>
Android (android.graphics.Color)	<a href="#">4286025935 (0xFF7790CF)</a>
YUV	<a href="#">143.7070, 31.2034, -21.6680</a>
Hunter-Lab	<a href="#">53.2667, 3.4395, -32.8237</a>

# Details

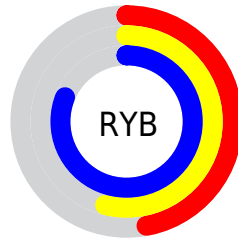
The Hex color **7790CF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CFB677**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **AEC6FF**, and **415E98** is the 20% darker color. If you saturate the color by 10%, you get **6281CF**, and if you desaturate by 10%, it is **8C9FCF**.

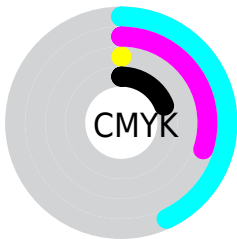
# Distribution



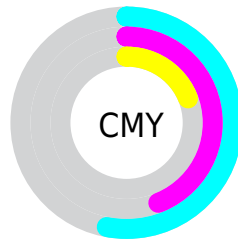
- Red (47%)
- Green (56%)
- Blue (81%)



- Red (47%)
- Yellow (54%)
- Blue (81%)



- Cyan (43%)
- Magenta (30%)
- Yellow (0%)
- Black (19%)



- Cyan (53%)
- Magenta (44%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7790CF 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 7790CF by changing the saturation by 10% instead.



■ 7790CF

■ 7790CF

FFFFFF

■ 5C76B3

■ AEC6FF

■ 415E98

■ CBE2FF

■ 24477E

■ E8FEFF

■ 003165

■ 001C4D

■ 000036

■ 00021F

■ 000003

■ 000000

■ 7790CF

■ 7790CF

■ 6281CF

■ 8C9FCF

■ 4E72CF

■ A0AECF

■ 3964CF

■ B5BCCF

■ 2455CF

■ CACBCF

■ 1046CF

■ DFDACF

■ 003BCF

■ F3E9CF

■ FFF8CF

■ FFFF CF

# Harmonies

## Analogous

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



3B9ACD



7790CF



A584C1

# Triad

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



7790CF



C97E68



4DA17C

# Complementary

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



7790CF



CFB677

# 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.



769C61



7790CF



B68955

# Square

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



7790CF



CF7886



999352



0DA29D

# Rectangle

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



7790CF



BB7DB0



999352



5C9F72



# Sweetspot

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



7790CF



DEE7FF



77CFB5



6B7180



000000



808080



# Same Dimension

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



7790CF



7DA2FF



8977CF



5E6169



0030A8



000C29



# Inverse Universe

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



CF7790



FF7DA2



BDCF77



695E61



A80030



29000C



# Previews

## White Background



This preview shows how the Hex color 7790CF looks on a white background.

## Color Contrast Check

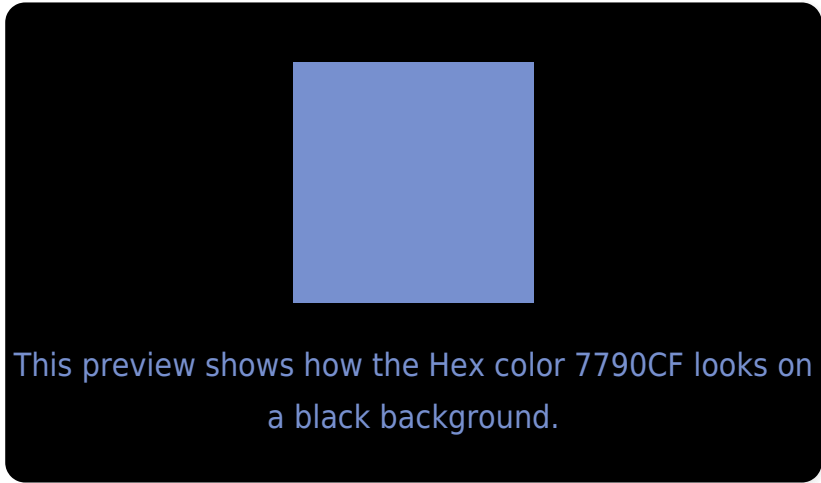
Large Text (above 18pt) WCAG AA ✓ Pass

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

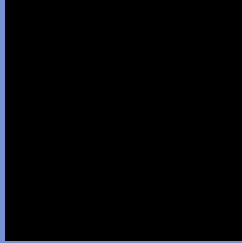
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7790CF Background



This preview shows how black text looks on a background with the Hex color 7790CF.



This preview shows how white text looks on a background with the Hex color 7790CF.

# 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**  
7790CF

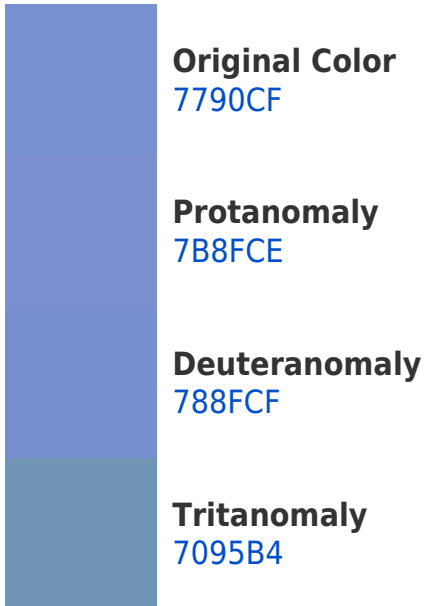
**Protanopia**  
7D8FCE

**Deuteranopia**  
798FCF

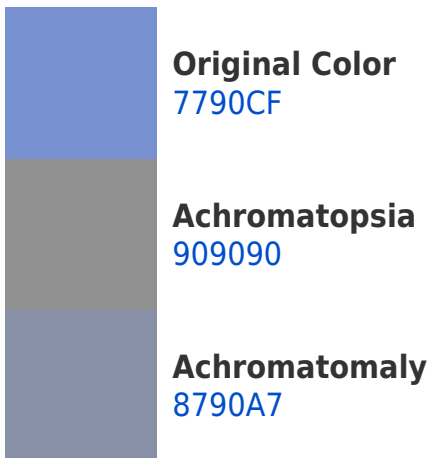


**Tritanopia**  
6C98A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7790CF 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 #7790CF looks like.

```
.text, #text, p{  
    color:#7790CF  
}
```

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 #7790CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7790CF  
}
```

## Border

The CSS property to change the border of an element to Hex 7790CF 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  
#7790CF }
```

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

```
.border{ border-color:#7790CF }
```

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

Here you see how a box with a 4 pixel #7790CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7790CF; -webkit-box-shadow:4px 4px  
4px 4px #7790CF; box-shadow:4px 4px 4px  
4px #7790CF }
```

# Background

The CSS property to change the background color of an element to Hex 7790CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7790CF }
```

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

```
.background{ background-color:#7790CF }
```

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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