

Converting Colors

Hex(7875CF)

Have a look what the booklet for
Hex(7875CF) contains.

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Color

Hex(7875CF)

Conversions

Conversions Part 1

Format	Color
Hex	7875CF
RGB	120, 117, 207
RGB Percent	47%, 46%, 81%
CMY	0.5294, 0.5412, 0.1882
CMYK	0.42, 0.43, 0.00, 0.19
HSL	242°, 48%, 64%
HSV	242°, 43%, 81%
XYZ	25.3695, 21.2206, 61.7904
YIQ	128.1570, -27.1020, 28.6260

Conversions

Conversions Part 2

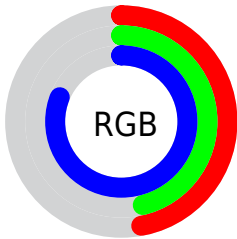
Format	Color
R _Y B	120, 117, 207
Decimal	7894479
CIE Lab	53.19, 23.70, -46.29
CIE LCh	53, 52.003, 297.108
Yxy	21.2206, 0.2341, 0.1958
Android (android.graphics.Color)	4286084559 (0xFF7875CF)
YUV	128.1570, 38.8696, -7.1537
Hunter-Lab	46.0659, 17.6887, -47.2824

Details

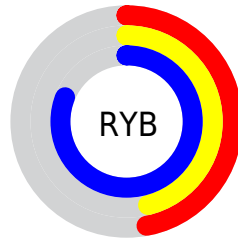
The Hex color **7875CF** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **CCCF75**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B0A9FF**, and **414598** is the 20% darker color. If you saturate the color by 10%, you get **6460CF**, and if you desaturate by 10%, it is **8C8ACF**.

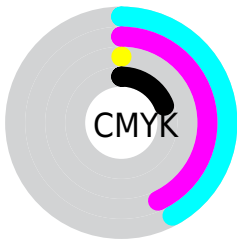
Distribution



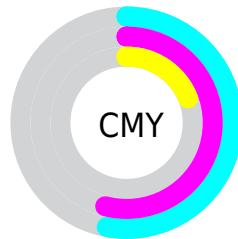
- Red (47%)
- Green (46%)
- Blue (81%)



- Red (47%)
- Yellow (46%)
- Blue (81%)



- Cyan (42%)
- Magenta (43%)
- Yellow (0%)
- Black (19%)



- Cyan (53%)
- Magenta (54%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7875CF 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 7875CF by changing the saturation by 10% instead.

■ 7875CF

■ 7875CF

FFFFFF

■ 5D5CB3

■ B0A9FF

■ 414598

■ CCC4FF

■ 232F7E

■ EAE0FF

■ 001A64

■ FFFDFF

■ 00024C

■ 000434

■ 00021E

■ 000000

■ 7875CF

■ 7875CF

6460CF

8C8ACF

504CCF

A09ECF

3C37CF

B4B3CF

2822CF

C8C8CF

140DCF

DCDDCF

0700CF

F0F1CF

FFFFCF

Harmonies

Analogous

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



0085D8



7875CF



B162B0

Triad

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



7875CF



BC6A33



009479

Complementary

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



7875CF



CCCC75

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.



30904C



7875CF



9A7B1D

Square

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



7875CF



CF5A59



6E8828



0094A7

Rectangle

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



7875CF



C75894



6E8828



00936A

Sweetspot

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



7875CF



DFDEFF



75CCCF



6C6B80



000000



808080

Same Dimension

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



7875CF



7F7AFF



A575CF



5E5E69



0600A8



010029

Inverse Universe

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



CF75CC



FF7AFB



9FCF75



695E68



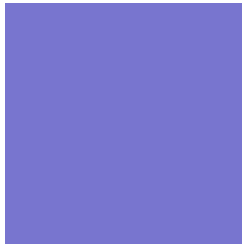
A800A3



290027

Previews

White Background



This preview shows how the Hex color 7875CF looks on a white background.

Color Contrast Check

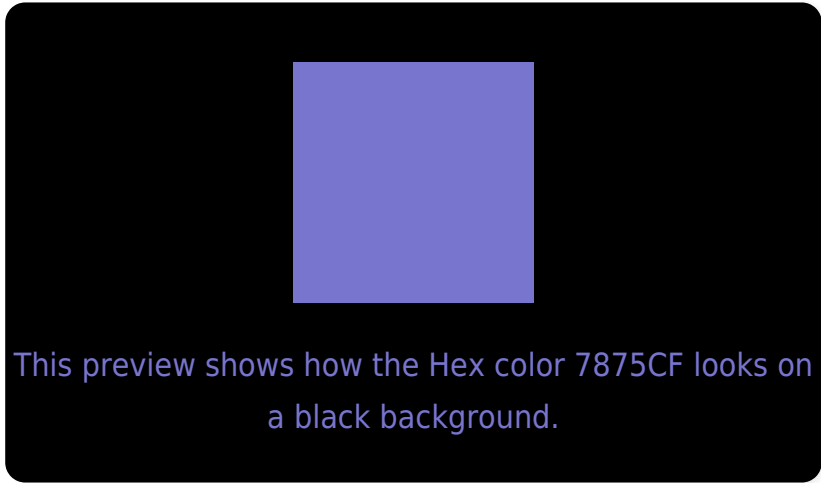
Large Text (above 18pt) WCAG AA ✓ Pass

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

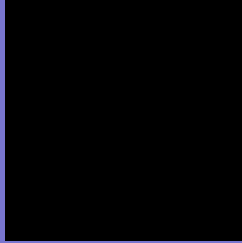
Any Text WCAG AA ✓ Pass

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 7875CF Background



This preview shows how black text looks on a background with the Hex color 7875CF.

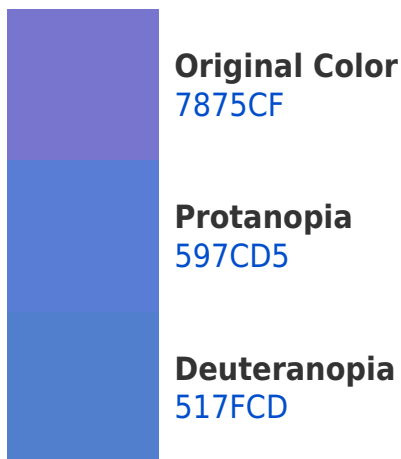


This preview shows how white text looks on a background with the Hex color 7875CF.

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](#).

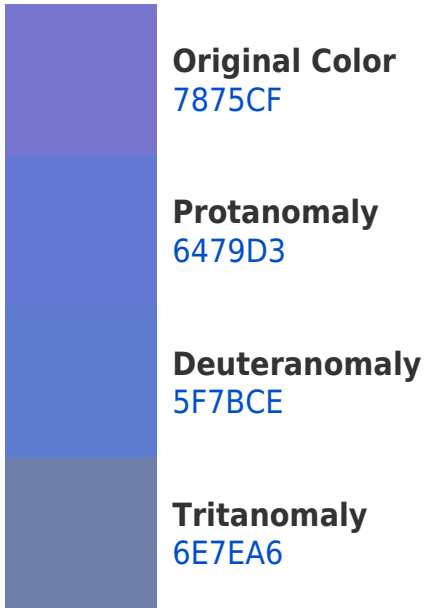
Dichromacy



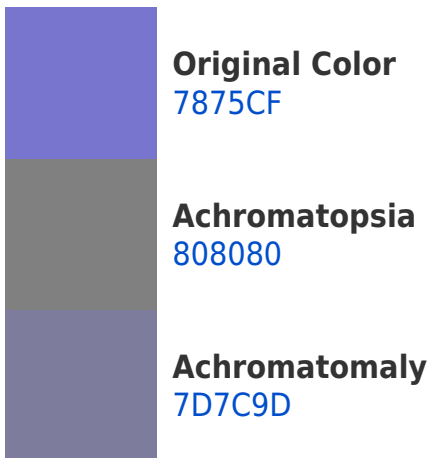


Tritanopia
68838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7875CF 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 #7875CF looks like.

```
.text, #text, p{  
    color:#7875CF  
}
```

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 #7875CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7875CF
}
```

Border

The CSS property to change the border of an element to Hex 7875CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

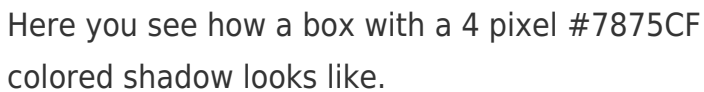
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7875CF }
```

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

```
.border{ border-color:#7875CF }
```

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



Here you see how a box with a 4 pixel `#7875CF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7875CF; -webkit-box-shadow:4px 4px  
4px 4px #7875CF; box-shadow:4px 4px 4px  
4px #7875CF }
```

Background

The CSS property to change the background color of an element to Hex 7875CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7875CF }
```

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

```
.background{ background-color:#7875CF }
```

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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