

Converting Colors

Hex(7B87CF)

Have a look what the booklet for
Hex(7B87CF) contains.

Hex(7B87CF)	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(7B87CF)

Conversions

Conversions Part 1

Format	Color
Hex	7B87CF
RGB	123, 135, 207
RGB Percent	48%, 53%, 81%
CMY	0.5176, 0.4706, 0.1882
CMYK	0.41, 0.35, 0.00, 0.19
HSL	231°, 47%, 65%
HSV	231°, 41%, 81%
XYZ	28.0948, 26.0439, 62.5777
YIQ	139.6200, -30.2640, 19.8480

Conversions

Conversions Part 2

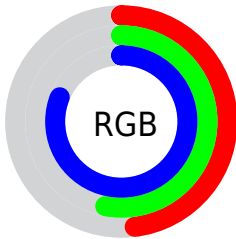
Format	Color
RYB	123, 134, 207
Decimal	8095695
CIELab	58.08, 13.76, -38.56
CIELCh	58, 40.944, 289.642
Yxy	26.0439, 0.2407, 0.2231
Android (android.graphics.Color)	4286285775 (0xFF7B87CF)
YUV	139.6200, 33.2183, -14.5757
Hunter-Lab	51.0332, 8.9598, -36.9790

Details

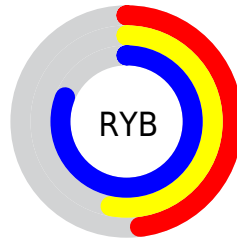
The Hex color **7B87CF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CFC37B**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **B2BCFF**, and **455698** is the 20% darker color. If you saturate the color by 10%, you get **6675CF**, and if you desaturate by 10%, it is **9099CF**.

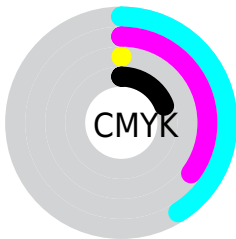
Distribution



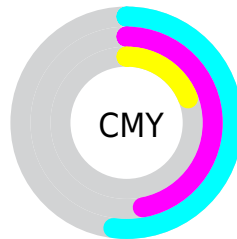
- Red (48%)
- Green (53%)
- Blue (81%)



- Red (48%)
- Yellow (53%)
- Blue (81%)



- Cyan (41%)
- Magenta (35%)
- Yellow (0%)
- Black (19%)



- Cyan (52%)
- Magenta (47%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B87CF 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 7B87CF by changing the saturation by 10% instead.

 7B87CF

 7B87CF

FFFFFF

 606EB3

 B2BCFF

 455698

 CFD8FF

 293F7E

 ECF4FF

 022965

 00154C

 000035

 00021F

 000002

 000000

 7B87CF

 7B87CF

 6675CF

 9099CF

 5264CF

 A4AACF

 3D52CF

 B9BCCF

 2840CF

 CECECF

 142ECF

 E3E0CF

 001ECF

 F7F1CF

 FFFFCF

Harmonies

Analogous

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



2D93D2



7B87CF



AC79BA

Triad

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



7B87CF



C57856



239D7E

Complementary

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



7B87CF



CFC37B

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.



61995C



7B87CF



AC8544

Square

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



7B87CF



D06F75



8A9146



009EA2

Rectangle

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



7B87CF



C172A5



8A9146



3D9C71

Sweetspot

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



7B87CF



E0E5FF



7BCFC2



6E7080



000000



808080

Same Dimension

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



7B87CF



8294FF



987BCF



5E6069



0018A8



000629

Inverse Universe

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



CF7B87



FF8294



B2CF7B



695E60



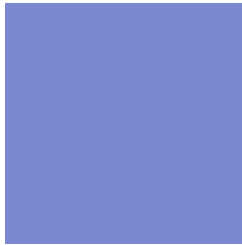
A80018



290006

Previews

White Background



This preview shows how the Hex color 7B87CF looks on a white background.

Color Contrast Check

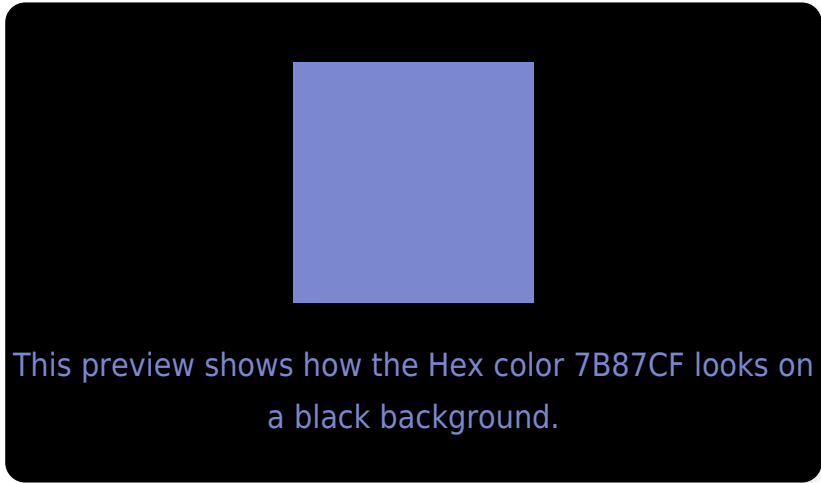
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B87CF Background



This preview shows how black text looks on a background with the Hex color 7B87CF.



This preview shows how white text looks on a background with the Hex color 7B87CF.

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
7B87CF

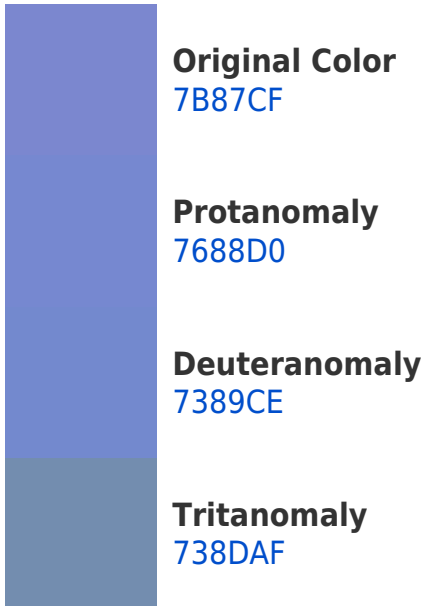
Protanopia
7389D1

Deuteranopia
6E8ACE

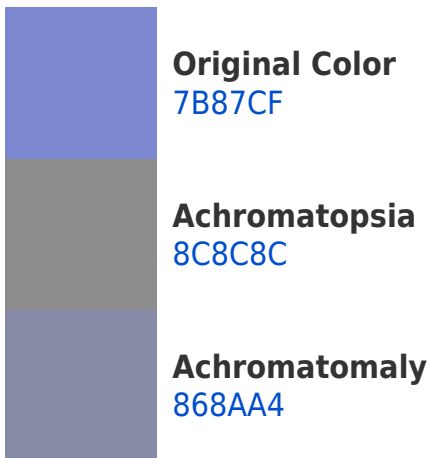


Tritanopia
6E919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B87CF 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 #7B87CF looks like.

```
.text, #text, p{  
    color:#7B87CF  
}
```

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 #7B87CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B87CF
}
```

Border

The CSS property to change the border of an element to Hex 7B87CF 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
#7B87CF }
```

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

```
.border{ border-color:#7B87CF }
```

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

Here you see how a box with a 4 pixel #7B87CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B87CF; -webkit-box-shadow:4px 4px  
4px 4px #7B87CF; box-shadow:4px 4px 4px  
4px #7B87CF }
```

Background

The CSS property to change the background color of an element to Hex 7B87CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B87CF }
```

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

```
.background{ background-color:#7B87CF }
```

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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