

Converting Colors

Hex(7E86CF)

Have a look what the booklet for
Hex(7E86CF) contains.

Hex(7E86CF)	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(7E86CF)

Conversions

Conversions Part 1

Format	Color
Hex	7E86CF
RGB	126, 134, 207
RGB Percent	49%, 53%, 81%
CMY	0.5059, 0.4745, 0.1882
CMYK	0.39, 0.35, 0.00, 0.19
HSL	234°, 46%, 65%
HSV	234°, 39%, 81%
XYZ	28.3918, 25.9908, 62.5518
YIQ	139.9300, -28.2010, 21.0070

Conversions

Conversions Part 2

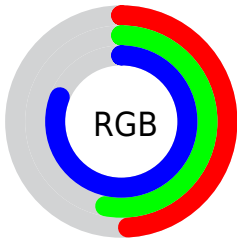
Format	Color
R_{YB}	126, 133, 207
Decimal	8292047
CIE _{Lab}	58.03, 15.15, -38.63
CIE _{LCh}	58, 41.490, 291.416
Yxy	25.9908, 0.2428, 0.2223
Android (android.graphics.Color)	4286482127 (0xFF7E86CF)
YUV	139.9300, 33.0655, -12.2166
Hunter-Lab	50.9812, 10.1908, -37.0596

Details

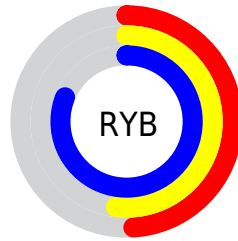
The Hex color **7E86CF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CFC77E**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **B5BBFF**, and **485598** is the 20% darker color. If you saturate the color by 10%, you get **6973CF**, and if you desaturate by 10%, it is **9399CF**.

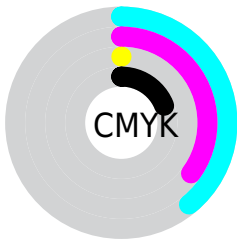
Distribution



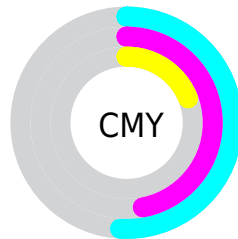
- Red (49%)
- Green (53%)
- Blue (81%)



- Red (49%)
- Yellow (52%)
- Blue (81%)



- Cyan (39%)
- Magenta (35%)
- Yellow (0%)
- Black (19%)



- Cyan (51%)
- Magenta (47%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E86CF 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 7E86CF by changing the saturation by 10% instead.

7E86CF

7E86CF

FFFFFF

636DB3

B5BBFF

485598

D2D7FF

2D3E7E

EFF3FF

0A2865

00144C

000035

00021F

000002

000000

 7E86CF

 7E86CF

 6973CF

 9399CF

 5561CF

 A7ABCF

 404ECF

 BCBE CF

 2B3BCF

 D1D1CF

 1729CF

 E6E3CF

 0216CF

 FAF6CF

 0014CF

 FFFFCF

Harmonies

Analogous

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



3092D3



7E86CF



AE78B9

Triad

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



7E86CF



C47954



179D7F

Complementary

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



7E86CF



CFC77E

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.



5D995D



7E86CF



AA8642

Square

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



7E86CF



D06F73



889145



009EA5

Rectangle

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



7E86CF



C371A3



889145



379C73

Sweetspot

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



7E86CF



E0E3FF



7ECFC7



6E6F80



000000



808080

Same Dimension

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



7E86CF



8793FF



9E7ECF



5E5F69



0011A8



000429

Inverse Universe

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



CF7E86



FF8793



AFCF7E



695E5F



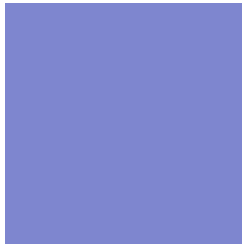
A80011



290004

Previews

White Background



This preview shows how the Hex color 7E86CF looks on a white background.

Color Contrast Check

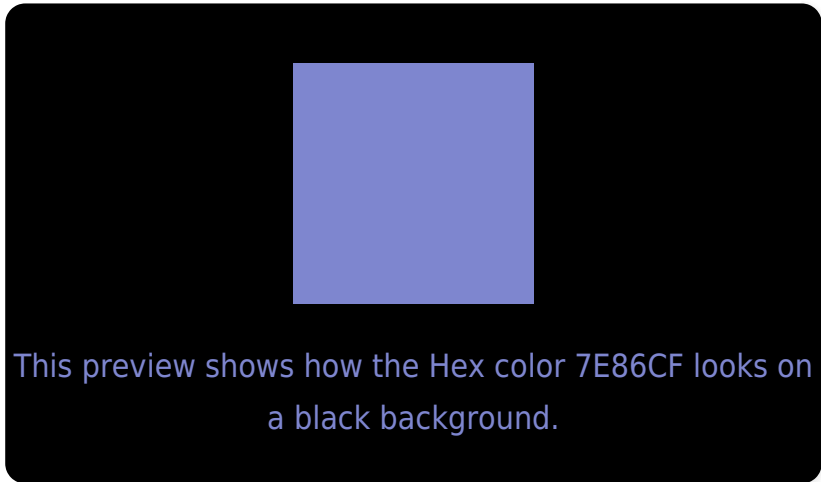
Large Text (above 18pt) WCAG AA ✓ Pass

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 7E86CF Background



This preview shows how black text looks on a background with the Hex color 7E86CF.



This preview shows how white text looks on a background with the Hex color 7E86CF.

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
7E86CF

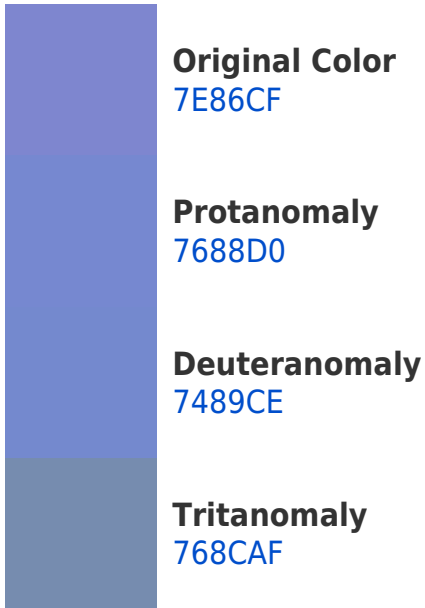
Protanopia
7289D1

Deuteranopia
6E8ACE



Tritanopia
72909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7E86CF 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 #7E86CF looks like.

```
.text, #text, p{  
    color:#7E86CF  
}
```

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 #7E86CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E86CF
}
```

Border

The CSS property to change the border of an element to Hex 7E86CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

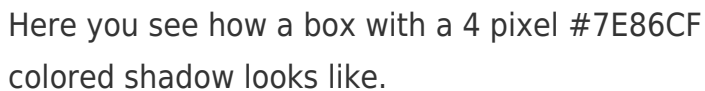
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E86CF }
```

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

```
.border{ border-color:#7E86CF }
```

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



Here you see how a box with a 4 pixel #7E86CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E86CF; -webkit-box-shadow:4px 4px  
4px 4px #7E86CF; box-shadow:4px 4px 4px  
4px #7E86CF }
```

Background

The CSS property to change the background color of an element to Hex 7E86CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E86CF }
```

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

```
.background{ background-color:#7E86CF }
```

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