

Converting Colors

Hex(7C86CD)

Have a look what the booklet for
Hex(7C86CD) contains.

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Color

Hex(7C86CD)

Conversions

Conversions Part 1

Format	Color
Hex	7C86CD
RGB	124, 134, 205
RGB Percent	49%, 53%, 80%
CMY	0.5137, 0.4745, 0.1961
CMYK	0.40, 0.35, 0.00, 0.20
HSL	233°, 45%, 65%
HSV	233°, 40%, 80%
XYZ	27.8567, 25.7431, 61.2583
YIQ	139.1040, -28.7510, 19.9610

Conversions

Conversions Part 2

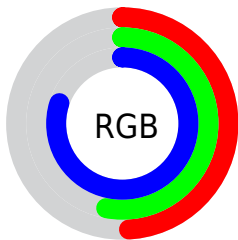
Format	Color
RYB	124, 133, 205
Decimal	8160973
CIELab	57.79, 14.05, -37.88
CIELCh	58, 40.402, 290.356
Yxy	25.7431, 0.2425, 0.2241
Android (android.graphics.Color)	4286351053 (0xFF7C86CD)
YUV	139.1040, 32.4867, -13.2462
Hunter-Lab	50.7376, 9.2119, -36.0677

Details

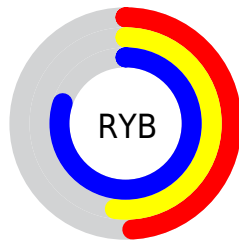
The Hex color **7C86CD** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CDC37C**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **B3BBFF**, and **465596** is the 20% darker color. If you saturate the color by 10%, you get **6874CD**, and if you desaturate by 10%, it is **9198CD**.

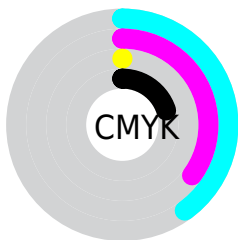
Distribution



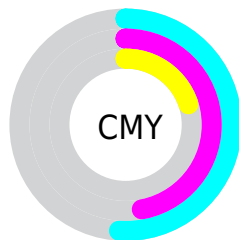
- Red (49%)
- Green (53%)
- Blue (80%)



- Red (49%)
- Yellow (52%)
- Blue (80%)



- Cyan (40%)
- Magenta (35%)
- Yellow (0%)
- Black (20%)



- Cyan (51%)
- Magenta (47%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C86CD 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 7C86CD by changing the saturation by 10% instead.

■ 7C86CD

■ 7C86CD

FFFFFF

■ 616DB1

■ B3BBFF

■ 465596

■ D0D7FF

■ 2B3E7C

■ EDF3FF

■ 072863

■ 00154B

■ 000134

■ 00021D

■ 000000

■ 7C86CD

■ 7C86CD

■ 6874CD

■ 9198CD

■ 5362CD

■ A5AACD

■ 3E50CD

■ BABCCD

■ 2A3ECD

■ CECECD

■ 152CCD

■ E3E0CD

■ 011ACD

■ F7F2CD

■ 0019CD

■ FFFFCD

Harmonies

Analogous

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



3192D0



7C86CD



AC78B8

Triad

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



7C86CD



C37856



239C7E

Complementary

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



7C86CD



CDC37C

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.



5F985C



7C86CD



AA8544

Square

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



7C86CD



CE6F74



899046



009DA2

Rectangle

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



7C86CD



C071A3



899046



3C9B72

Sweetspot

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



7C86CD



E0E4FF



7CCDC2



6E7080



000000



808080

Same Dimension

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



7C86CD



8796FF



9A7CCD



5C5D66



0014A6



000526

Inverse Universe

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



CD7C86



FF8796



AFCD7C



665C5D



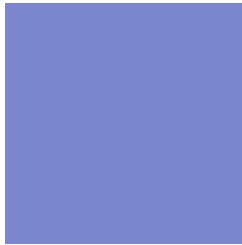
A60014



260005

Previews

White Background



This preview shows how the Hex color 7C86CD looks on a white background.

Color Contrast Check

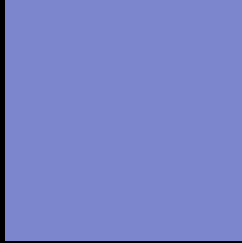
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 7C86CD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

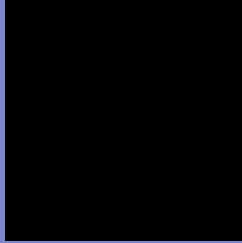
Any Text WCAG AA ✓ Pass

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 7C86CD Background



This preview shows how black text looks on a background with the Hex color 7C86CD.



This preview shows how white text looks on a background with the Hex color 7C86CD.

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

7C86CD

Protanopia

7288CF

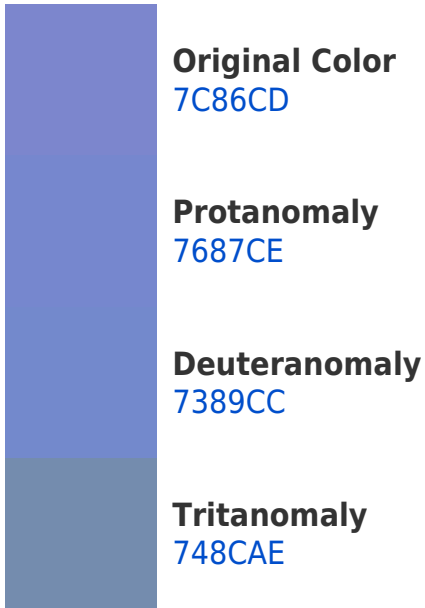
Deuteranopia

6E8ACC



Tritanopia
70909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7C86CD 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 #7C86CD looks like.

```
.text, #text, p{  
    color:#7C86CD  
}
```

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 #7C86CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C86CD
}
```

Border

The CSS property to change the border of an element to Hex 7C86CD 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
#7C86CD }
```

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

```
.border{ border-color:#7C86CD }
```

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

Here you see how a box with a 4 pixel #7C86CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C86CD; -webkit-box-shadow:4px 4px  
4px 4px #7C86CD; box-shadow:4px 4px 4px  
4px #7C86CD }
```

Background

The CSS property to change the background color of an element to Hex 7C86CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C86CD }
```

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

```
.background{ background-color:#7C86CD }
```

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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