

Converting Colors

Hex(7B86CC)

Have a look what the booklet for
Hex(7B86CC) contains.

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Color

Hex(7B86CC)

Conversions

Conversions Part 1

Format	Color
Hex	7B86CC
RGB	123, 134, 204
RGB Percent	48%, 53%, 80%
CMY	0.5176, 0.4745, 0.2000
CMYK	0.40, 0.34, 0.00, 0.20
HSL	232°, 44%, 64%
HSV	232°, 40%, 80%
XYZ	27.5926, 25.6208, 60.6178
YIQ	138.6910, -29.0260, 19.4380

Conversions

Conversions Part 2

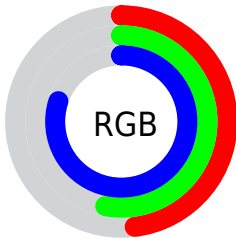
Format	Color
R _Y B	123, 133, 204
Decimal	8095436
CIE Lab	57.68, 13.50, -37.50
CIE LCh	58, 39.860, 289.804
Yxy	25.6208, 0.2424, 0.2251
Android (android.graphics.Color)	4286285516 (0xFF7B86CC)
YUV	138.6910, 32.1973, -13.7610
Hunter-Lab	50.6170, 8.7250, -35.5725

Details

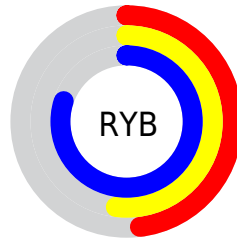
The Hex color **7B86CC** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CCC17B**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **B2BBFF**, and **455595** is the 20% darker color. If you saturate the color by 10%, you get **6774CC**, and if you desaturate by 10%, it is **8F98CC**.

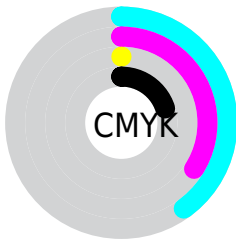
Distribution



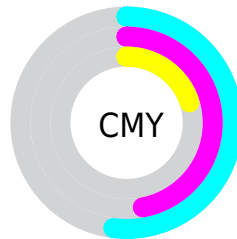
- Red (48%)
- Green (53%)
- Blue (80%)



- Red (48%)
- Yellow (52%)
- Blue (80%)



- Cyan (40%)
- Magenta (34%)
- Yellow (0%)
- Black (20%)



- Cyan (52%)
- Magenta (47%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B86CC 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 7B86CC by changing the saturation by 10% instead.

 7B86CC

 7B86CC

FFFFFF

 606DB0

 B2BBFF

 455595

 CFD7FF

 2A3E7B

 EBF3FF

 052862

 00154A

 000233

 00021D

 000000

 7B86CC

 7B86CC

6774CC

8F98CC

5263CC

A4A9CC

3E51CC

B8BBCC

293FCC

CDCDCC

152ECC

E1DECC

011CCC

F5F0CC

001CCC

FFFFCC

Harmonies

Analogous

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



3292CF



7B86CC



AA79B8

Triad

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



7B86CC



C27857



279C7D

Complementary

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



7B86CC



CCC17B

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.



61985C



7B86CC



AA8445

Square

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



7B86CC



CD6F75



899047



009CA1

Rectangle

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



7B86CC



BF72A3



899047



3F9B71

Sweetspot

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



7B86CC



E0E5FF



7BCCC0



6E7080



000000



808080

Same Dimension

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



7B86CC



8595FF



977BCC



5C5D66



0017A6



000526

Inverse Universe

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



CC7B86



FF8595



B0CC7B



665C5D



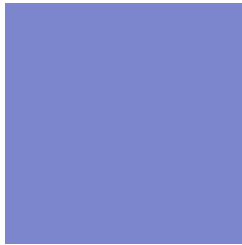
A60017



260005

Previews

White Background



This preview shows how the Hex color 7B86CC looks on a white background.

Color Contrast Check

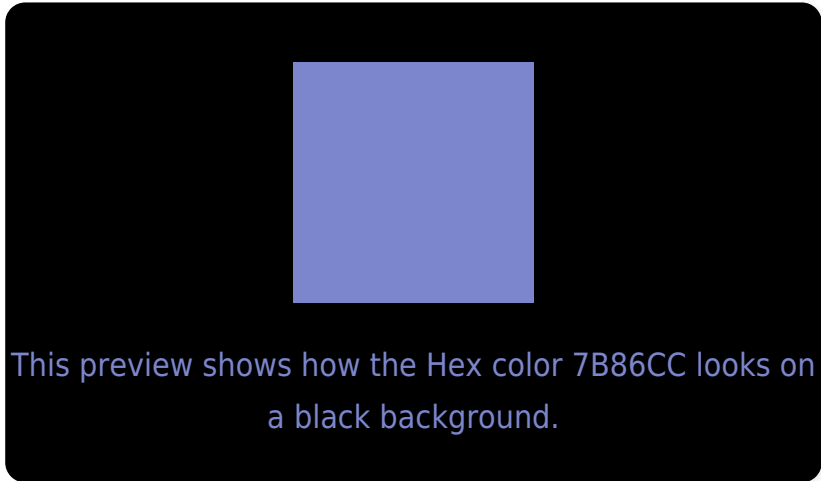
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B86CC Background



This preview shows how black text looks on a background with the Hex color 7B86CC.



This preview shows how white text looks on a background with the Hex color 7B86CC.

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
7B86CC

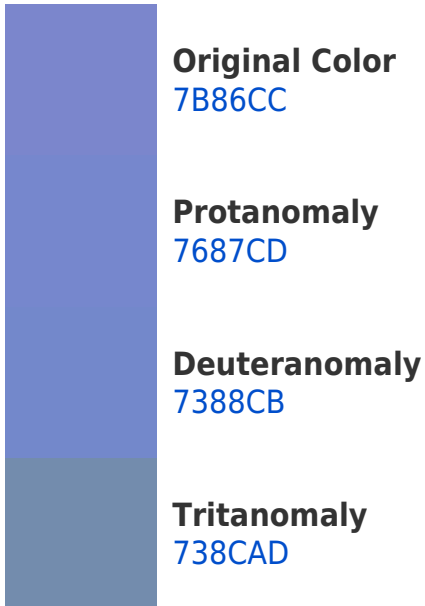
Protanopia
7388CE

Deuteranopia
6F89CB



Tritanopia
6F909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B86CC 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 #7B86CC looks like.

```
.text, #text, p{  
    color:#7B86CC  
}
```

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 #7B86CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B86CC
}
```

Border

The CSS property to change the border of an element to Hex 7B86CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

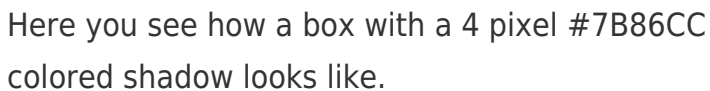
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B86CC }
```

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

```
.border{ border-color:#7B86CC }
```

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



Here you see how a box with a 4 pixel #7B86CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B86CC; -webkit-box-shadow:4px 4px  
4px 4px #7B86CC; box-shadow:4px 4px 4px  
4px #7B86CC }
```

Background

The CSS property to change the background color of an element to Hex 7B86CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B86CC }
```

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

```
.background{ background-color:#7B86CC }
```

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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