

Converting Colors

Hex(7871CC)

Have a look what the booklet for
Hex(7871CC) contains.

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Color

Hex(7871CC)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7871CC |
| RGB | 120, 113, 204 |
| RGB Percent | 47%, 44%, 80% |
| CMY | 0.5294, 0.5569, 0.2000 |
| CMYK | 0.41, 0.45, 0.00, 0.20 |
| HSL | 245°, 47%, 62% |
| HSV | 245°, 45%, 80% |
| XYZ | 24.5499, 20.1630, 59.7247 |
| YIQ | 125.4670, -25.0390, 29.7850 |

Conversions

Conversions Part 2

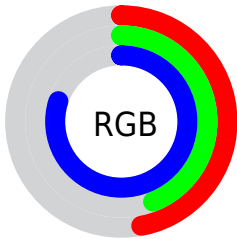
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 120, 113, 204 |
| Decimal | 7893452 |
| CIE _{Lab} | 52.02, 25.23, -46.44 |
| CIE _{LCh} | 52, 52.851, 298.516 |
| Yxy | 20.1630, 0.2351, 0.1931 |
| Android (android.graphics.Color) | 4286083532 (0xFF7871CC) |
| YUV | 125.4670, 38.7168, -4.7946 |
| Hunter-Lab | 44.9032, 19.0108, -47.4280 |

Details

The Hex color **7871CC** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **C5CC71**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B0A5FF**, and **414195** is the 20% darker color. If you saturate the color by 10%, you get **655DCC**, and if you desaturate by 10%, it is **8B85CC**.

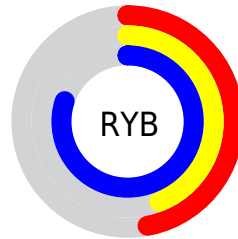
Distribution



Red (47%)

Green (44%)

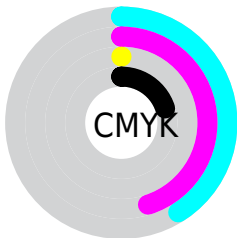
Blue (80%)



Red (47%)

Yellow (44%)

Blue (80%)

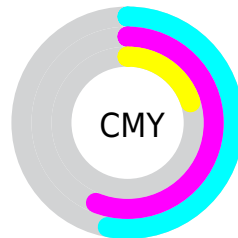


Cyan (41%)

Magenta (45%)

Yellow (0%)

Black (20%)



Cyan (53%)

Magenta (56%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7871CC 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 7871CC by changing the saturation by 10% instead.

■ 7871CC

■ 7871CC

FFFFFF

■ 5D58B0

■ B0A5FF

■ 414195

■ CCC0FF

■ 232B7B

■ E9DCFF

■ 001761

■ FFF8FF

■ 000049

■ 000432

■ 00011C

■ 000000

■ 7871CC

■ 7871CC

■ 655DCC

■ 8B85CC

■ 5248CC

■ 9E9ACC

■ 4034CC

■ B0AECC

■ 2D1FCC

■ C3C3CC

■ 1A0BCC

■ D6D7CC

■ 1000CC

■ E9EBCC

■ FCFFCC

■ FFFFCC

Harmonies

Analogous

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



0082D7



7871CC



B15DAC

Triad

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



7871CC



B8682E



009178

Complementary

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



7871CC



C5CC71

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.



248E4A



7871CC



957916

Square

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



7871CC



CC5654



698625



0091A6

Rectangle

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



7871CC



C5538F



698625



009169

Sweetspot

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



7871CC



E0DEFF



71C6CC



6D6B80



000000



808080

Same Dimension

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



7871CC



8075FF



A571CC



5D5C66



0D00A6



030026

Inverse Universe

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



CC71C5



FF75F4



98CC71



665C65



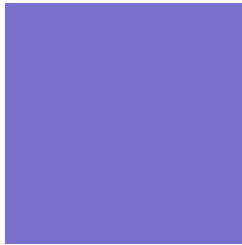
A60099



260023

Previews

White Background



This preview shows how the Hex color 7871CC looks on a white background.

Color Contrast Check

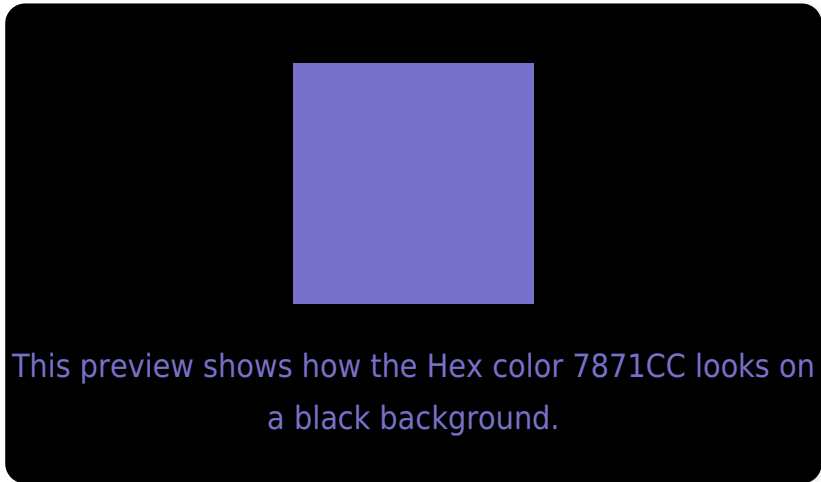
Large Text (above 18pt) WCAG AA ✓ Pass

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 7871CC Background



This preview shows how black text looks on a background with the Hex color 7871CC.



This preview shows how white text looks on a background with the Hex color 7871CC.

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](#).

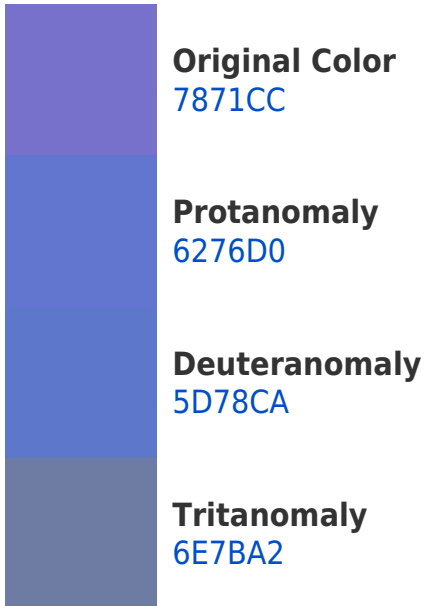
Dichromacy



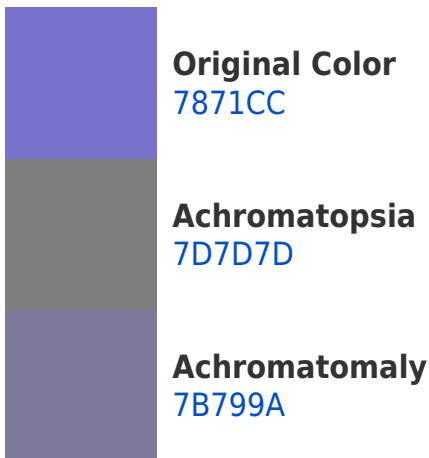


Tritanopia
68808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7871CC 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 #7871CC looks like.

```
.text, #text, p{  
    color:#7871CC  
}
```

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 #7871CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7871CC }  
}
```

Border

The CSS property to change the border of an element to Hex 7871CC 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 #7871CC }  
}
```

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

```
.border{ border-color:#7871CC }
```

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

Here you see how a box with a 4 pixel #7871CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7871CC; -webkit-box-shadow:4px 4px  
4px 4px #7871CC; box-shadow:4px 4px 4px  
4px #7871CC }
```

Background

The CSS property to change the background color of an element to Hex 7871CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7871CC }
```

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

```
.background{ background-color:#7871CC }
```

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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