

Converting Colors

Hex(7806C1)

Have a look what the booklet for
Hex(7806C1) contains.

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Color

Hex(7806C1)

Conversions

Conversions Part 1

Format	Color
Hex	7806C1
RGB	120, 6, 193
RGB Percent	47%, 2%, 76%
CMY	0.5294, 0.9765, 0.2431
CMYK	0.38, 0.97, 0.00, 0.24
HSL	277°, 94%, 39%
HSV	277°, 97%, 76%
XYZ	17.4365, 7.9736, 51.0721
YIQ	61.4040, 7.9170, 82.3250

Conversions

Conversions Part 2

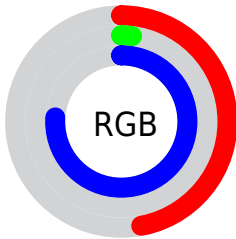
Format	Color
R_{YB}	120, 6, 193
Decimal	7866049
CIE _{Lab}	33.93, 68.90, -69.31
CIE _{LCh}	34, 97.730, 314.828
Yxy	7.9736, 0.2280, 0.1043
Android (android.graphics.Color)	4286056129 (0xFF7806C1)
YUV	61.4040, 64.8768, 51.3887
Hunter-Lab	28.2375, 60.8070, -87.4693

Details

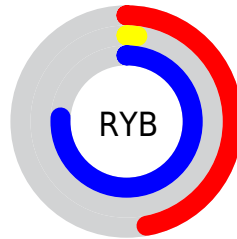
The Hex color **7806C1** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **4FC106**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **B34EFB**, and **3C008A** is the 20% darker color. If you saturate the color by 10%, you get **7600C1**, and if you desaturate by 10%, it is **8019C1**.

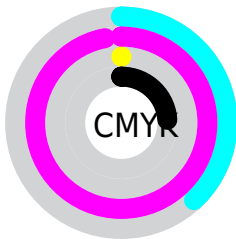
Distribution



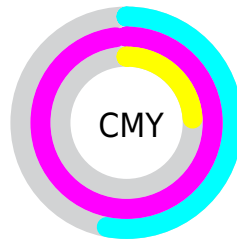
- Red (47%)
- Green (2%)
- Blue (76%)



- Red (47%)
- Yellow (2%)
- Blue (76%)



- Cyan (38%)
- Magenta (97%)
- Yellow (0%)
- Black (24%)



- Cyan (53%)
- Magenta (98%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7806C1 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 7806C1 by changing the saturation by 10% instead.

 7806C1

 7806C1

FFFFFF

 5A00A5

 B34EFB

 3C008A

 D16AFF

 180070

 EF86FF

 000056

 FFA2FF

 00063E

 FFBEFF

 000327

 FFDBFF

 000110

 FFF9FF

 000000

 7806C1

 7806C1

■ 7600C1

■ 8019C1

■ 872DC1

■ 8F40C1

■ 9653C1

■ 9E66C1

■ A57AC1

■ AD8DC1

■ B4A0C1

■ BCB4C1

Harmonies

Analogous

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



0050EC



7806C1



BE007B

Triad

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



7806C1



823D00



006A76

Complementary

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



7806C1



4FC106

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.



006822



7806C1



3D5900

Square

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



7806C1



B20000



006400



006BBF

Rectangle

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



7806C1



CB0048



006400



00695B

Sweetspot

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



7806C1



DEB1FA



0651C1



6C517D



FCFCFC



7D7D7D

Same Dimension

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



7806C1



9800FA



C106AE



5D5761



6200A1



140021

Inverse Universe

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



C1064F



FA0062



06C119



61575B



A1003F



21000D

Previews

White Background



This preview shows how the Hex color 7806C1 looks on a white background.

Color Contrast Check

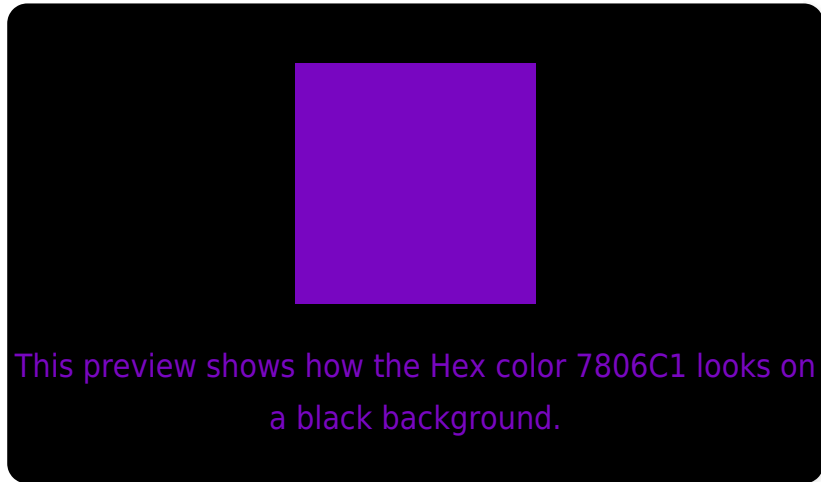
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

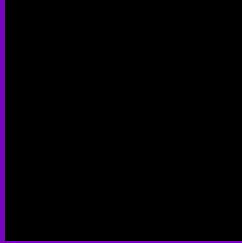
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7806C1 Background



This preview shows how black text looks on a background with the Hex color 7806C1.



This preview shows how white text looks on a background with the Hex color 7806C1.

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
7806C1

Protanopia
004FA6

Deuteranopia
00548F



Tritanopia
624B51

Trichromacy



Original Color
7806C1



Protanomaly
2C34B0



Deuteranomaly
2C38A1



Tritanomaly
6A327A

Monochromacy



Original Color
7806C1



Achromatopsia
3D3D3D



Achromatomaly
52296D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7806C1 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 #7806C1 looks like.

```
.text, #text, p{  
    color:#7806C1  
}
```

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 #7806C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7806C1
}
```

Border

The CSS property to change the border of an element to Hex 7806C1 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
#7806C1 }
```

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

```
.border{ border-color:#7806C1 }
```

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

Here you see how a box with a 4 pixel #7806C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7806C1; -webkit-box-shadow:4px 4px  
4px 4px #7806C1; box-shadow:4px 4px 4px  
4px #7806C1 }
```

Background

The CSS property to change the background color of an element to Hex 7806C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7806C1 }
```

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

```
.background{ background-color:#7806C1 }
```

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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