

Converting Colors

Hex(7866C0)

Have a look what the booklet for
Hex(7866C0) contains.

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Color

Hex(7866C0)

Conversions

Conversions Part 1

Format	Color
Hex	7866C0
RGB	120, 102, 192
RGB Percent	47%, 40%, 75%
CMY	0.5294, 0.6000, 0.2471
CMYK	0.38, 0.47, 0.00, 0.25
HSL	252°, 42%, 58%
HSV	252°, 47%, 75%
XYZ	22.0115, 17.3016, 52.0486
YIQ	117.6420, -18.1620, 31.8060

Conversions

Conversions Part 2

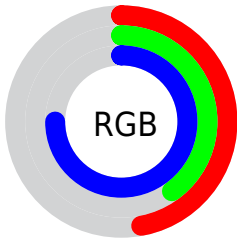
Format	Color
R_{YB}	120, 102, 192
Decimal	7890624
CIE _{Lab}	48.64, 28.44, -44.93
CIE _{LCh}	49, 53.177, 302.328
Yxy	17.3016, 0.2409, 0.1894
Android (android.graphics.Color)	4286080704 (0xFF7866C0)
YUV	117.6420, 36.6585, 2.0680
Hunter-Lab	41.5952, 21.6679, -45.0737

Details

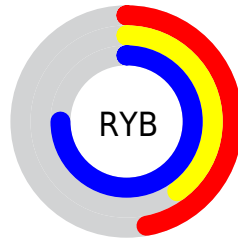
The Hex color **7866C0** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **AEC066**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **AF99F9**, and **42378A** is the 20% darker color. If you saturate the color by 10%, you get **6953C0**, and if you desaturate by 10%, it is **8779C0**.

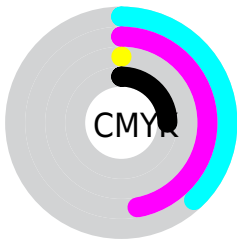
Distribution



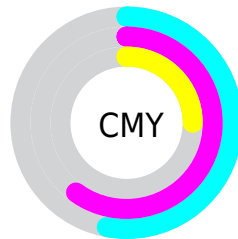
- Red (47%)
- Green (40%)
- Blue (75%)



- Red (47%)
- Yellow (40%)
- Blue (75%)



- Cyan (38%)
- Magenta (47%)
- Yellow (0%)
- Black (25%)



- Cyan (53%)
- Magenta (60%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7866C0 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 7866C0 by changing the saturation by 10% instead.

■ 7866C0

■ 7866C0

FFFFFF

■ 5D4EA5

■ AF99F9

■ 42378A

■ CCB4FF

■ 262170

■ E9D0FF

■ 000C57

■ FFECFF

■ 00003F

■ 000328

■ 000112

■ 000000

■ 7866C0

■ 7866C0

6953C0

8779C0

5940C0

978CC0

4A2CC0

A6A0C0

3B19C0

B5B3C0

2B06C0

C5C6C0

2600C0

D4D9C0

E4ECC0

F3FFC0

FFFFC0

Harmonies

Analogous

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



0078CE



7866C0



AC529E

Triad

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



7866C0



AA6121



008976

Complementary

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



7866C0



AEC066

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.



008647



7866C0



877307

Square

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



7866C0



C04F46



597F1F



0088A3

Rectangle

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



7866C0



BE4981



597F1F



008866

Sweetspot

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



7866C0



DED7FA



66AEC0



6C687D



FCFCFC



7D7D7D

Same Dimension

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



7866C0



8A6EFA



A566C0



595761



2000A1



070021

Inverse Universe

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



C066AE



FA6EDE



81C066



61575F



A10081



21001B

Previews

White Background



This preview shows how the Hex color 7866C0 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

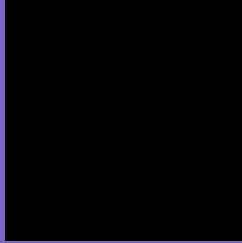
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 7866C0 Background



This preview shows how black text looks on a background with the Hex color 7866C0.

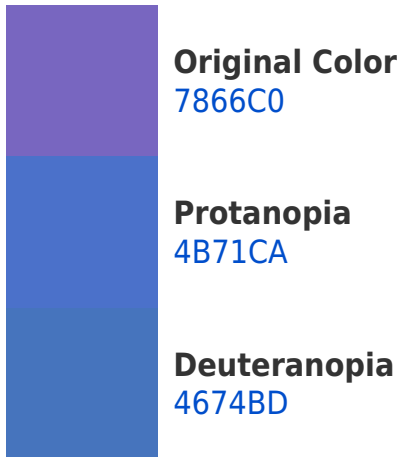


This preview shows how white text looks on a background with the Hex color 7866C0.

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](#).

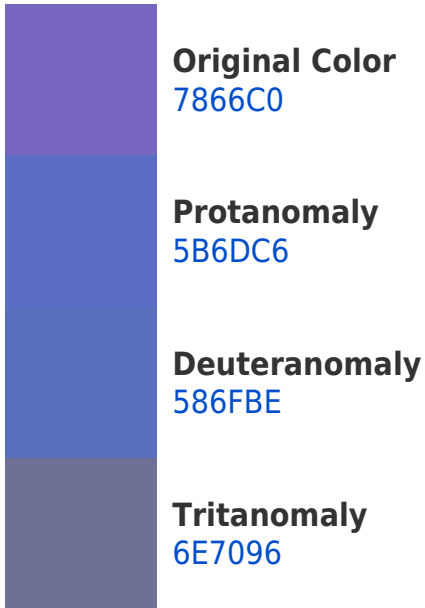
Dichromacy





Tritanopia
69757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7866C0 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 #7866C0 looks like.

```
.text, #text, p{  
    color:#7866C0  
}
```

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 #7866C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7866C0
}
```

Border

The CSS property to change the border of an element to Hex 7866C0 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
#7866C0 }
```

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

```
.border{ border-color:#7866C0 }
```

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

Here you see how a box with a 4 pixel #7866C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7866C0; -webkit-box-shadow:4px 4px  
4px 4px #7866C0; box-shadow:4px 4px 4px  
4px #7866C0 }
```

Background

The CSS property to change the background color of an element to Hex 7866C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7866C0 }
```

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

```
.background{ background-color:#7866C0 }
```

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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