

# Converting Colors

Hex(7702C0)

Have a look what the booklet for  
Hex(7702C0) contains.

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# Color

Hex(7702C0)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7702C0
RGB	119, 2, 192
RGB Percent	47%, 1%, 75%
CMY	0.5333, 0.9922, 0.2471
CMYK	0.38, 0.99, 0.00, 0.25
HSL	277°, 98%, 38%
HSV	277°, 99%, 75%
XYZ	17.1439, 7.7711, 50.4656
YIQ	58.6430, 8.7420, 83.8940

# Conversions

## Conversions Part 2

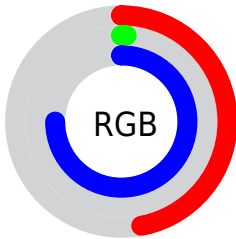
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 2, 192
Decimal	7799488
CIE <sub>Lab</sub>	33.50, 69.14, -69.43
CIE <sub>LCh</sub>	34, 97.982, 314.879
Yxy	7.7711, 0.2274, 0.1031
Android (android.graphics.Color)	4285989568 (0xFF7702C0)
YUV	58.6430, 65.7450, 52.9331
Hunter-Lab	27.8767, 60.9912, -87.8196

# Details

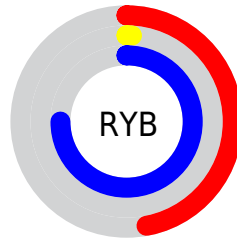
The Hex color **7702C0** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **4BC002**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **B24CFA**, and **3A0089** is the 20% darker color. If you saturate the color by 10%, you get **7600C0**, and if you desaturate by 10%, it is **7E15C0**.

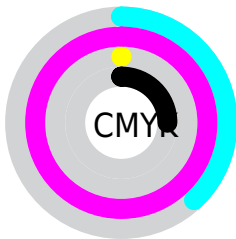
# Distribution



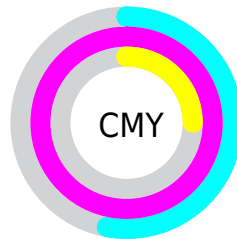
- Red (47%)
- Green (1%)
- Blue (75%)



- Red (47%)
- Yellow (1%)
- Blue (75%)



- Cyan (38%)
- Magenta (99%)
- Yellow (0%)
- Black (25%)



- Cyan (53%)
- Magenta (99%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7702C0 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 7702C0 by changing the saturation by 10% instead.



7702C0

7702C0

FFFFFF

5900A4

B24CFA

3A0089

D068FF

17006F

EE84FF

000055

FFA0FF

00063D

FFBDFE

000326

FFDAFF

00010F

FFF7FF

000000

7702C0

7702C0

■ 7600C0

■ 7E15C0

■ 8628C0

■ 8D3CC0

■ 954FC0

■ 9C62C0

■ A375C0

■ AB88C0

■ B29CC0

■ B9AFC0

# Harmonies

## Analogous

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



004FEB



7702C0



BD0079

# Triad

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



7702C0



803C00



006975

# Complementary

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



7702C0



4BC002

# 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.



006722



7702C0



3C5800

# Square

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



7702C0



B10000



006300



006ABE

# Rectangle

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



7702C0



CA0047



006300



00685A



# Sweetspot

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



7702C0



DDAFFA



024EC0



6C507D



FCFCFC



7D7D7D



# Same Dimension

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



7702C0



9A00FA



C002AD



5D5761



6300A1



140021



# Inverse Universe

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



C0024B



FA0060



02C015



61575B



A1003E

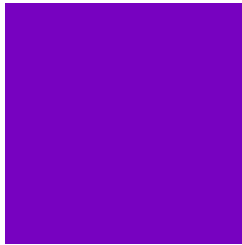


21000D



# Previews

## White Background



This preview shows how the Hex color 7702C0 looks on a white background.

## Color Contrast Check

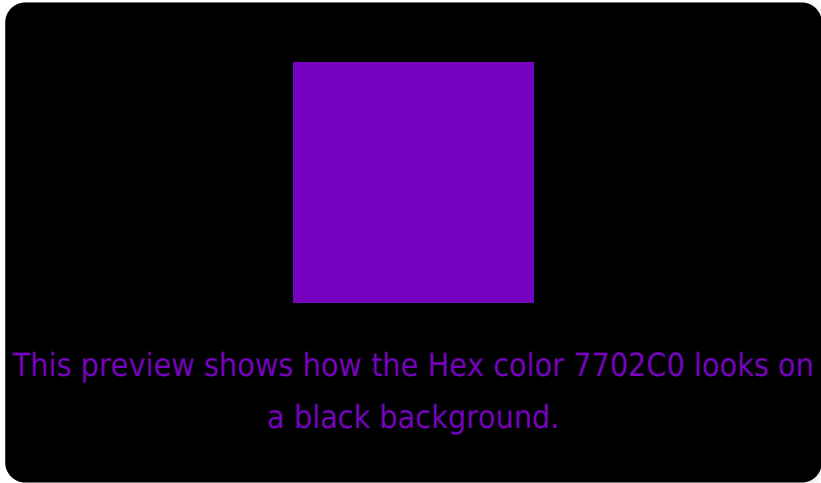
Large Text (above 18pt) WCAG AA ✓ Pass

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

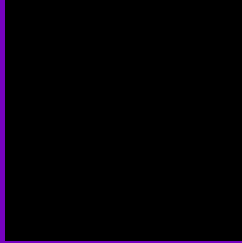
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7702C0 Background



This preview shows how black text looks on a background with the Hex color 7702C0.

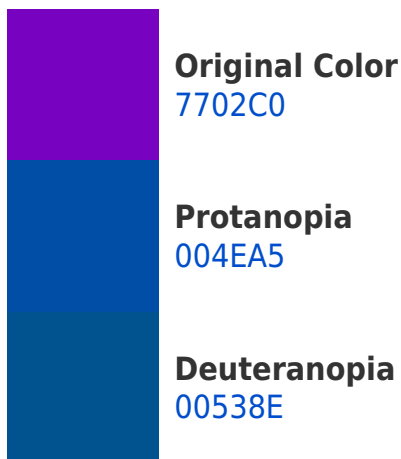


This preview shows how white text looks on a background with the Hex color 7702C0.

# 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**  
614B51

# Trichromacy



**Original Color**

7702C0



**Protanomaly**

2B32AF



**Deuteranomaly**

2B36A0



**Tritanomaly**

693079

# Monochromacy



**Original Color**

7702C0



**Achromatopsia**

3B3B3B



**Achromatomaly**

51266B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7702C0 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 #7702C0 looks like.

```
.text, #text, p{  
    color:#7702C0  
}
```

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 #7702C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7702C0
}
```

## Border

The CSS property to change the border of an element to Hex 7702C0 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
#7702C0 }
```

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

```
.border{ border-color:#7702C0 }
```

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

Here you see how a box with a 4 pixel #7702C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7702C0; -webkit-box-shadow:4px 4px  
4px 4px #7702C0; box-shadow:4px 4px 4px  
4px #7702C0 }
```

# Background

The CSS property to change the background color of an element to Hex 7702C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7702C0 }
```

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

```
.background{ background-color:#7702C0 }
```

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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