

Converting Colors

Hex(7B40AF)

Have a look what the booklet for
Hex(7B40AF) contains.

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Color

Hex(7B40AF)

Conversions

Conversions Part 1

Format	Color
Hex	7B40AF
RGB	123, 64, 175
RGB Percent	48%, 25%, 69%
CMY	0.5176, 0.7490, 0.3137
CMYK	0.30, 0.63, 0.00, 0.31
HSL	272°, 46%, 47%
HSV	272°, 63%, 69%
XYZ	17.7396, 10.9729, 41.7404
YIQ	94.2950, -0.4670, 47.0290

Conversions

Conversions Part 2

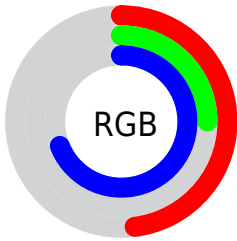
Format	Color
R_YB	123, 64, 175
Decimal	8077487
CIE _{Lab}	39.53, 46.37, -49.54
CIE _{LCh}	40, 67.852, 313.106
Yxy	10.9729, 0.2518, 0.1557
Android (android.graphics.Color)	4286267567 (0xFF7B40AF)
YUV	94.2950, 39.7876, 25.1743
Hunter-Lab	33.1254, 37.6228, -51.5221

Details

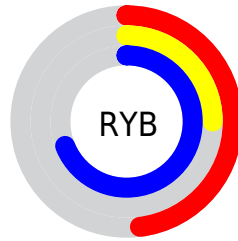
The Hex color **7B40AF** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **74AF40**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **B373E7**, and **450A7A** is the 20% darker color. If you saturate the color by 10%, you get **732FAF**, and if you desaturate by 10%, it is **8352AF**.

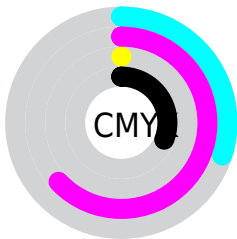
Distribution



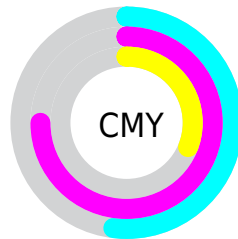
- Red (48%)
- Green (25%)
- Blue (69%)



- Red (48%)
- Yellow (25%)
- Blue (69%)



- Cyan (30%)
- Magenta (63%)
- Yellow (0%)
- Black (31%)



- Cyan (52%)
- Magenta (75%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B40AF 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 7B40AF by changing the saturation by 10% instead.

 7B40AF

 7B40AF

FFFFFF

 602794


 B373E7

 450A7A

 CF8EFF

 290060

 EDA9FF

 110048

 FFC4FF

 000330

 FFE1FF

 00011A

FFFEFF

 000000

 7B40AF

 7B40AF

 732FAF

 8352AF

6B1DAF

8B63AF

620CAF

9475AF

5D00AF

9C86AF

A498AF

ACA9AF

B4BBAF

BDCCAF

C5DDAF

Harmonies

Analogous

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



005CCB



7B40AF



AE147F

Triad

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



7B40AF



8B4F00



007475

Complementary

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



7B40AF



74AF40

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.



00723B



7B40AF



5C6200

Square

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



7B40AF



AD2F10



066D00



0073A8

Rectangle

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



7B40AF



BA005A



066D00



007462

Sweetspot

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



7B40AF



CFB8E3



4076AF



665873



F2F2F2



737373

Same Dimension

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



7B40AF



9236E3



AF40AD



534E57



500096



0C0017

Inverse Universe

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



AF4074



E33687



40AF42



574E52



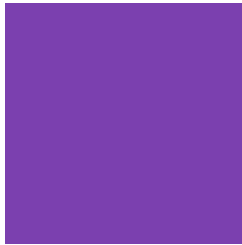
960046



17000B

Previews

White Background



This preview shows how the Hex color 7B40AF looks on a white background.

Color Contrast Check

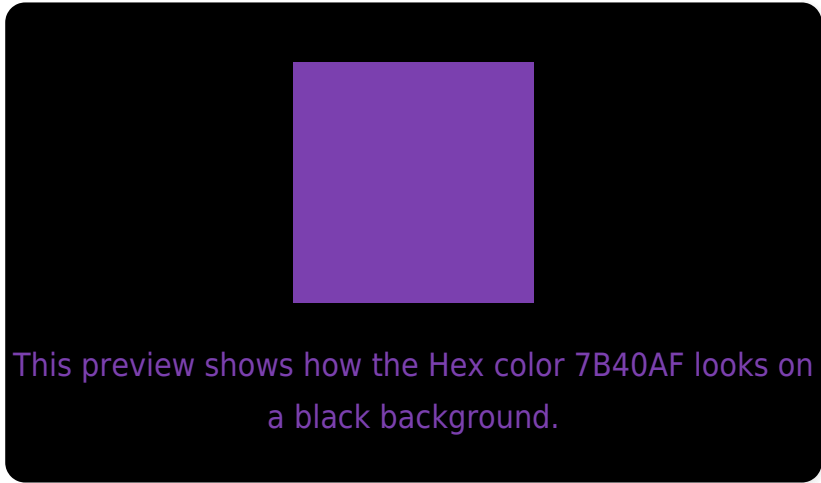
Large Text (above 18pt) WCAG AA ✓ Pass

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

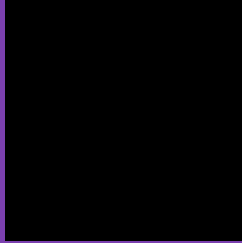
Any Text WCAG AA × Fail

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 7B40AF Background



This preview shows how black text looks on a background with the Hex color 7B40AF.

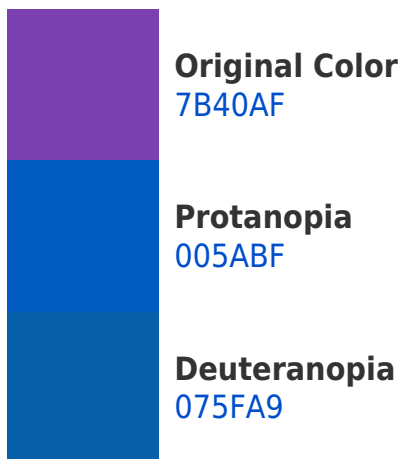


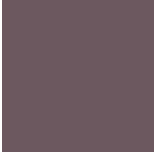
This preview shows how white text looks on a background with the Hex color 7B40AF.

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](#).

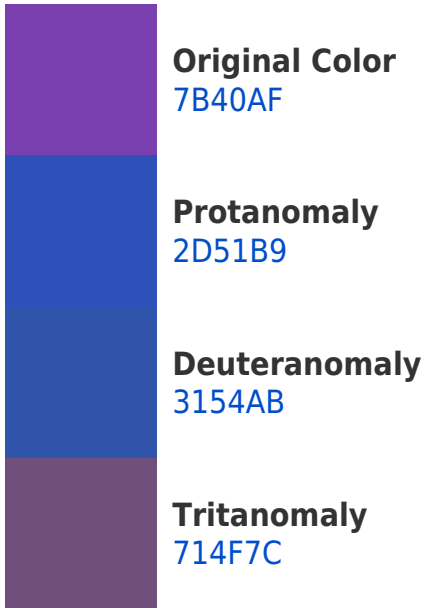
Dichromacy



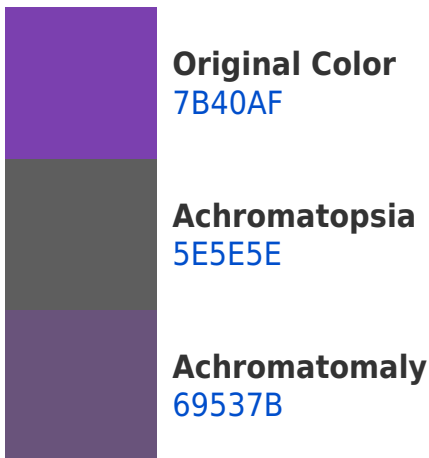


Tritanopia
6C585F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B40AF 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 #7B40AF looks like.

```
.text, #text, p{  
    color:#7B40AF  
}
```

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 #7B40AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B40AF
}
```

Border

The CSS property to change the border of an element to Hex 7B40AF is called "border". The border property can be set on classes, ids or directly on the HTML element.

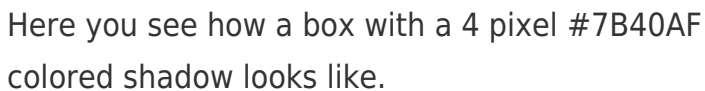
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B40AF }
```

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

```
.border{ border-color:#7B40AF }
```

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



Here you see how a box with a 4 pixel #7B40AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B40AF; -webkit-box-shadow:4px 4px  
4px 4px #7B40AF; box-shadow:4px 4px 4px  
4px #7B40AF }
```

Background

The CSS property to change the background color of an element to Hex 7B40AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B40AF }
```

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

```
.background{ background-color:#7B40AF }
```

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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