

Converting Colors

Hex(7B0F8F)

Have a look what the booklet for
Hex(7B0F8F) contains.

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Color

Hex(7B0F8F)

Conversions

Conversions Part 1

Format	Color
Hex	7B0F8F
RGB	123, 15, 143
RGB Percent	48%, 6%, 56%
CMY	0.5176, 0.9412, 0.4392
CMYK	0.14, 0.90, 0.00, 0.44
HSL	291°, 81%, 31%
HSV	291°, 90%, 56%
XYZ	13.2971, 6.5358, 26.5473
YIQ	61.8840, 23.2800, 62.7040

Conversions

Conversions Part 2

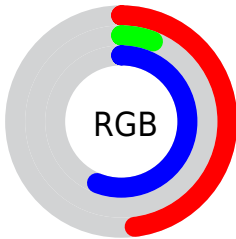
Format	Color
RYB	123, 15, 143
Decimal	8064911
CIELab	30.73, 58.16, -44.38
CIElCh	31, 73.159, 322.652
Yxy	6.5358, 0.2867, 0.1409
Android (android.graphics.Color)	4286254991 (0xFF7B0F8F)
YUV	61.8840, 39.9902, 53.5987
Hunter-Lab	25.5652, 48.1037, -43.6721

Details

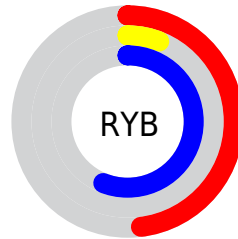
The Hex color **7B0F8F** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **238F0F**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **B34EC6**, and **45005C** is the 20% darker color. If you saturate the color by 10%, you get **79018F**, and if you desaturate by 10%, it is **7D1D8F**.

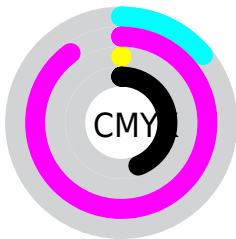
Distribution



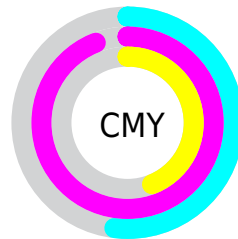
- Red (48%)
- Green (6%)
- Blue (56%)



- Red (48%)
- Yellow (6%)
- Blue (56%)



- Cyan (14%)
- Magenta (90%)
- Yellow (0%)
- Black (44%)



- Cyan (52%)
- Magenta (94%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B0F8F 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 7B0F8F by changing the saturation by 10% instead.

 7B0F8F

 7B0F8F

FFFFFF

 600075

 B34EC6

 45005C

 D069E2

 2D0044

 ED84FF

 08002C

 FFA0FF

 000116

 FFBCFF

 000000

 FFD9FF

 FFF6FF

 7B0F8F

 7B0F8F

■ 79018F

■ 7D1D8F

■ 79008F

■ 7F2C8F

■ 823A8F

■ 84488F

■ 86578F

■ 88658F

■ 8B738F

■ 8D818F

■ 8F908F

Harmonies

Analogous

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



0040B4



7B0F8F



A10059

Triad

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



7B0F8F



654100



005E73

Complementary

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



7B0F8F



238F0F

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.



005D38



7B0F8F



2E5200

Square

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



7B0F8F



8D1E00



005A00



005DA4

Rectangle

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



7B0F8F



A60034



005A00



005E60

Sweetspot

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



7B0F8F



B288BA



0F248F



5A405E



DEDEDE



5E5E5E

Same Dimension

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



7B0F8F



9D00BA



8F0F64



464047



720087



060008

Inverse Universe

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



8F0F23



BA001D



0F8F3A



474041



870015



080001

Previews

White Background



This preview shows how the Hex color 7B0F8F looks on a white background.

Color Contrast Check

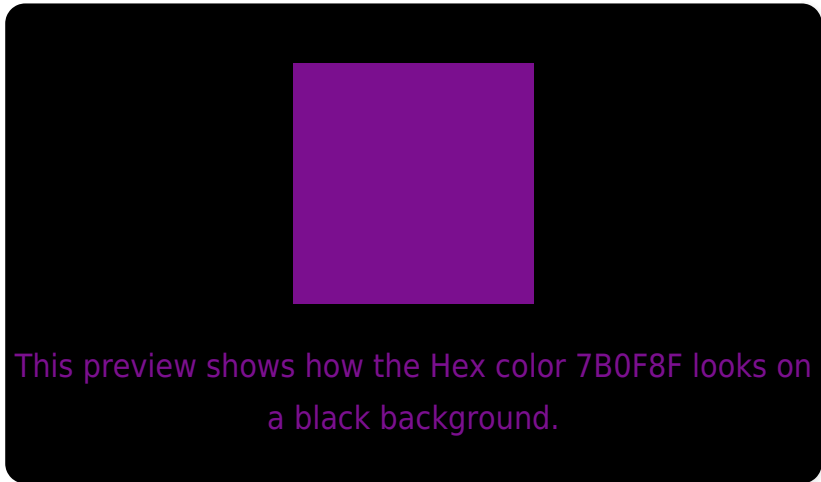
Large Text (above 18pt) WCAG AA ✓ Pass

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

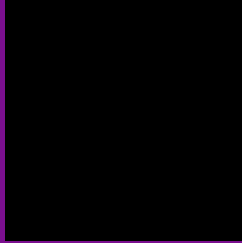
Any Text WCAG AA × Fail

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 7B0F8F Background



This preview shows how black text looks on a background with the Hex color 7B0F8F.

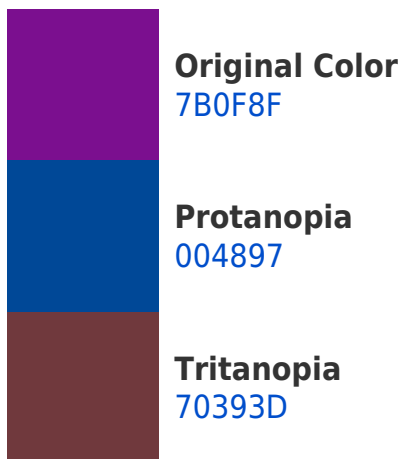


This preview shows how white text looks on a background with the Hex color 7B0F8F.

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



Trichromacy

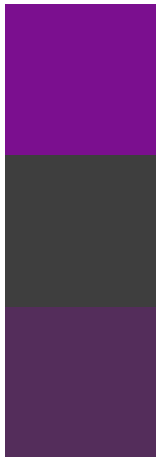


Original Color
7B0F8F

Protanomaly
2D3394

Tritanomaly
742A5B

Monochromacy



Original Color
7B0F8F

Achromatopsia
3E3E3E

Achromatomaly
542D5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B0F8F 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 #7B0F8F looks like.

```
.text, #text, p{  
    color:#7B0F8F  
}
```

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 #7B0F8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B0F8F
}
```

Border

The CSS property to change the border of an element to Hex 7B0F8F is called "border". The border property can be set on classes, ids or directly on the HTML element.

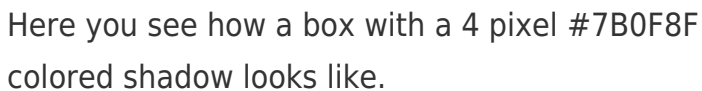
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B0F8F }
```

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

```
.border{ border-color:#7B0F8F }
```

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



Here you see how a box with a 4 pixel #7B0F8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B0F8F; -webkit-box-shadow:4px 4px  
4px 4px #7B0F8F; box-shadow:4px 4px 4px  
4px #7B0F8F }
```

Background

The CSS property to change the background color of an element to Hex 7B0F8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B0F8F }
```

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

```
.background{ background-color:#7B0F8F }
```

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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