

Converting Colors

Hex(7B0F70)

Have a look what the booklet for
Hex(7B0F70) contains.

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Color

Hex(7B0F70)

Conversions

Conversions Part 1

Format	Color
Hex	7B0F70
RGB	123, 15, 112
RGB Percent	48%, 6%, 44%
CMY	0.5176, 0.9412, 0.5608
CMYK	0.00, 0.88, 0.09, 0.52
HSL	306°, 78%, 27%
HSV	306°, 88%, 48%
XYZ	11.2638, 5.7225, 15.8401
YIQ	58.3500, 33.2310, 53.0630

Conversions

Conversions Part 2

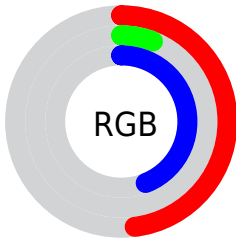
Format	Color
R_{YB}	123, 15, 112
Decimal	8064880
CIE _{Lab}	28.70, 52.92, -28.12
CIE _{LCh}	29, 59.923, 332.017
Yxy	5.7225, 0.3431, 0.1743
Android (android.graphics.Color)	4286254960 (0xFF7B0F70)
YUV	58.3500, 26.4494, 56.6981
Hunter-Lab	23.9217, 42.1863, -22.5147

Details

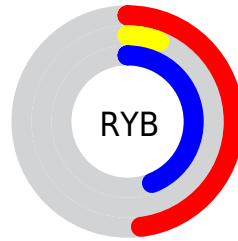
The Hex color **7B0F70** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **0F7B1A**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **B34CA4**, and **460040** is the 20% darker color. If you saturate the color by 10%, you get **7B036F**, and if you desaturate by 10%, it is **7B1B71**.

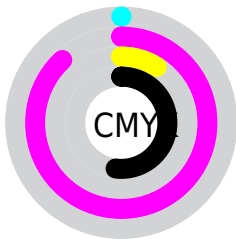
Distribution



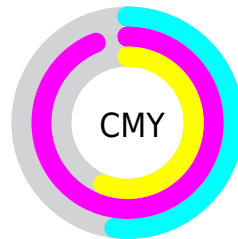
- Red (48%)
- Green (6%)
- Blue (44%)



- Red (48%)
- Yellow (6%)
- Blue (44%)



- Cyan (0%)
- Magenta (88%)
- Yellow (9%)
- Black (52%)



- Cyan (52%)
- Magenta (94%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B0F70 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 7B0F70 by changing the saturation by 10% instead.

7B0F70

7B0F70

FFFFFF

600057

B34CA4

460040

CF67BF

2F0029

ED82DB

010013

FF9DF8

000000

FFB9FF

FFD6FF

FFF3FF

7B0F70

7B0F70

■ 7B036F

■ 7B1B71

■ 7B006E

■ 7B2873

■ 7B3474

■ 7B4075

■ 7B4C76

■ 7B5978

■ 7B6579

■ 7B717A

■ 7B7E7B

Harmonies

Analogous

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



3E3594



7B0F70



900043

Triad

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



7B0F70



514300



005674

Complementary

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



7B0F70



0F7B1A

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.



005646



7B0F70



204E00

Square

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



7B0F70



752F00



005413



005396

Rectangle

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



7B0F70



900025



005413



005665

Sweetspot

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



7B0F70



A1779C



1A0F7B



52384F



D1D1D1



525252

Same Dimension

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



7B0F70



A10090



7B0F3A



3D373D



7D0070



FC00E3

Inverse Universe

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



7B0F70



A10090



0F7B50



3D373D



7D0070



FC00E3

Previews

White Background



This preview shows how the Hex color 7B0F70 looks on a white background.

Color Contrast Check

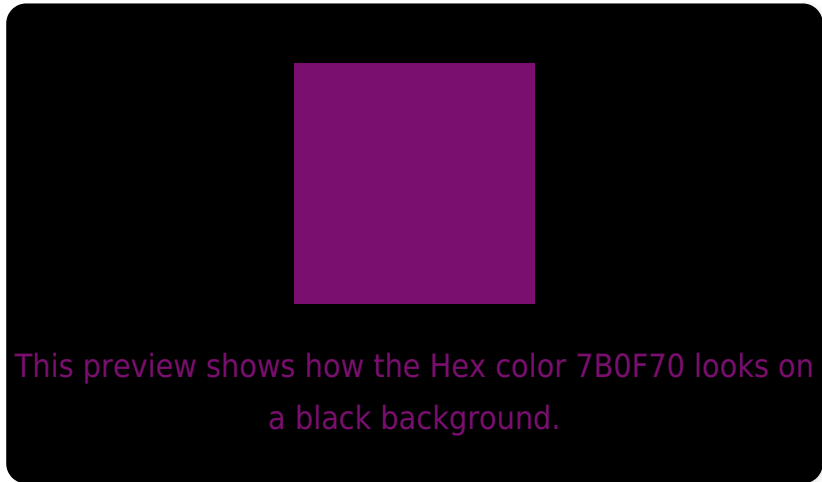
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B0F70 Background



This preview shows how black text looks on a background with the Hex color 7B0F70.



This preview shows how white text looks on a background with the Hex color 7B0F70.

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
752E30

Trichromacy



Original Color
7B0F70

Protanomaly
2D3084

Deuteranomaly
4E326C

Tritanomaly
772347

Monochromacy



Original Color
7B0F70

Achromatopsia
3A3A3A

Achromatomaly
522A4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B0F70 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 #7B0F70 looks like.

```
.text, #text, p{  
    color:#7B0F70  
}
```

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 #7B0F70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B0F70
}
```

Border

The CSS property to change the border of an element to Hex 7B0F70 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".

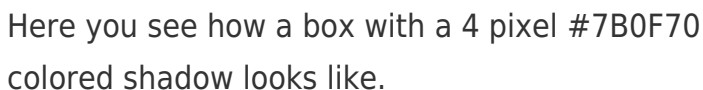
```
.border, #border, table{ border:4px solid
#7B0F70 }
```

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

```
.border{ border-color:#7B0F70 }
```

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

Here you see how a box with a 4 pixel #7B0F70 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset, 4px blur, 4px spread, and #7B0F70 color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B0F70; -webkit-box-shadow:4px 4px  
4px 4px #7B0F70; box-shadow:4px 4px 4px  
4px #7B0F70 }
```

Background

The CSS property to change the background color of an element to Hex 7B0F70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B0F70 }
```

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

```
.background{ background-color:#7B0F70 }
```

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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