

Converting Colors

Hex(7B0144)

Have a look what the booklet for
Hex(7B0144) contains.

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Color

Hex(7B0144)

Conversions

Conversions Part 1

Format	Color
Hex	7B0144
RGB	123, 1, 68
RGB Percent	48%, 0%, 27%
CMY	0.5176, 0.9961, 0.7333
CMYK	0.00, 0.99, 0.45, 0.52
HSL	327°, 98%, 24%
HSV	327°, 99%, 48%
XYZ	9.2226, 4.6500, 5.8803
YIQ	45.1160, 51.2050, 46.7010

Conversions

Conversions Part 2

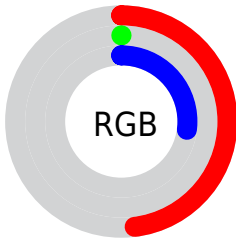
Format	Color
RYB	123, 1, 68
Decimal	8061252
CIELab	25.71, 49.96, -3.68
CIElCh	26, 50.096, 355.789
Yxy	4.6500, 0.4669, 0.2354
Android (android.graphics.Color)	4286251332 (0xFF7B0144)
YUV	45.1160, 11.2818, 68.3043
Hunter-Lab	21.5639, 38.6055, -1.0732

Details

The Hex color **7B0144** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **017B38**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **B44474**, and **440019** is the 20% darker color. If you saturate the color by 10%, you get **7B0044**, and if you desaturate by 10%, it is **7B0D4A**.

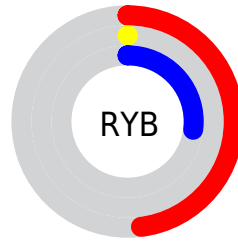
Distribution



Red (48%)

Green (0%)

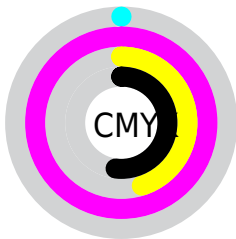
Blue (27%)



Red (48%)

Yellow (0%)

Blue (27%)

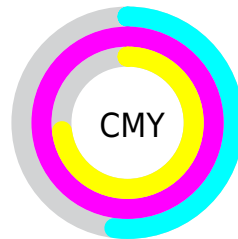


Cyan (0%)

Magenta (99%)

Yellow (45%)

Black (52%)



Cyan (52%)

Magenta (100%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B0144 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 7B0144 by changing the saturation by 10% instead.

 7B0144

 7B0144

FFFFFF

 5F002E

 B44474

 440019

 D15F8D

 2C0001

 EF7AA8

 000000

 FF95C3

 FFB1DF

 FFCDFC

 FFEAFF

 7B0144

 7B0144

■ 7B0044

■ 7B0D4A

■ 7B1A4F

■ 7B2655

■ 7B325A

■ 7B3E60

■ 7B4B65

■ 7B576B

■ 7B6370

■ 7B7076

Harmonies

Analogous

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



641E68



7B0144



7C0D1F

Triad

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



7B0144



2D4400



004B7C

Complementary

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



7B0144



017B38

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.



004D5D



7B0144



004A0C

Square

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



7B0144



503A00



004C36



00448A

Rectangle

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



7B0144



722003



004C36



004C73

Sweetspot

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



7B0144



A1708B



38017B



523444



D1D1D1



525252

Same Dimension

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



7B0144



A10058



7B0107



3D373A



7D0045



FC008B

Inverse Universe

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



7B0144



A10058



017B75



3D373A



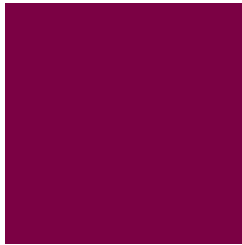
7D0045



FC008B

Previews

White Background



This preview shows how the Hex color 7B0144 looks on a white background.

Color Contrast Check

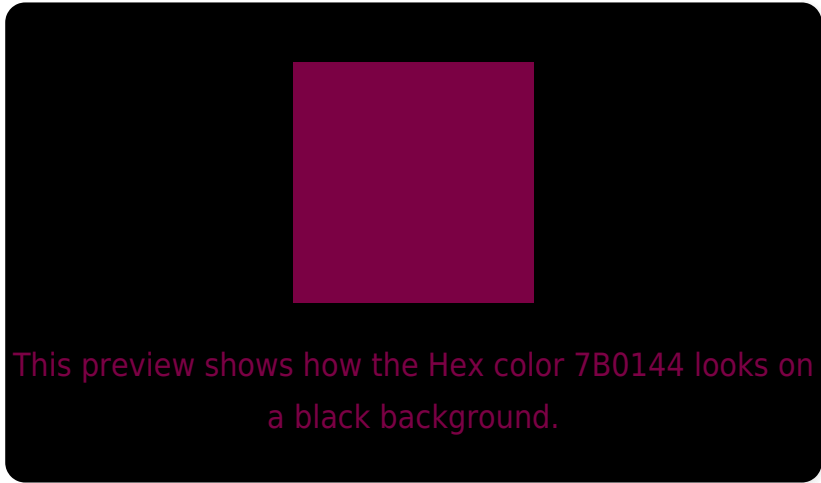
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B0144 Background



This preview shows how black text looks on a background with the Hex color 7B0144.



This preview shows how white text looks on a background with the Hex color 7B0144.

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



Original Color
7B0144

Protanopia
343F62

Deuteranopia
473E3F



Tritanopia
791B1B

Trichromacy



Original Color
7B0144

Protanomaly
4E2857

Deuteranomaly
5A2841

Tritanomaly
7A122A

Monochromacy



Original Color
7B0144

Achromatopsia
2D2D2D

Achromatomaly
491D35

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B0144 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 #7B0144 looks like.

```
.text, #text, p{  
    color:#7B0144  
}
```

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 #7B0144 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B0144
}
```

Border

The CSS property to change the border of an element to Hex 7B0144 is called "border". The border property can be set on classes, ids or directly on the HTML element.

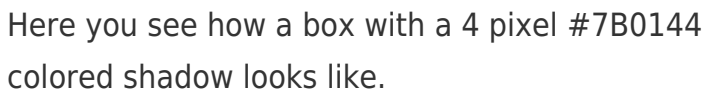
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B0144 }
```

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

```
.border{ border-color:#7B0144 }
```

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



Here you see how a box with a 4 pixel #7B0144 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B0144; -webkit-box-shadow:4px 4px  
4px 4px #7B0144; box-shadow:4px 4px 4px  
4px #7B0144 }
```

Background

The CSS property to change the background color of an element to Hex 7B0144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B0144 }
```

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

```
.background{ background-color:#7B0144 }
```

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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