

# Converting Colors

Hex(7B0400)

Have a look what the booklet for  
Hex(7B0400) contains.

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**Color**

**Hex(7B0400)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B0400
RGB	123, 4, 0
RGB Percent	48%, 2%, 0%
CMY	0.5176, 0.9843, 1.0000
CMYK	0.00, 0.97, 1.00, 0.52
HSL	2°, 100%, 24%
HSV	2°, 100%, 48%
XYZ	8.2118, 4.2978, 0.3967
YIQ	39.1250, 72.2080, 23.9840

# Conversions

## Conversions Part 2

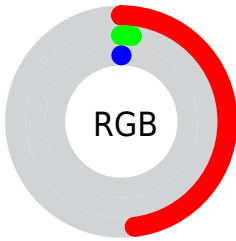
Format	Color
<a href="#">RYB</a>	<a href="#">123, 4, 0</a>
Decimal	<a href="#">8061952</a>
CIELab	<a href="#">24.63, 45.90, 36.79</a>
CIELCh	<a href="#">25, 58.827, 38.717</a>
Yxy	<a href="#">4.2978, 0.6363, 0.3330</a>
Android (android.graphics.Color)	<a href="#">4286252032 (0xFF7B0400)</a>
YUV	<a href="#">39.1250, -19.2886, 73.5584</a>
Hunter-Lab	<a href="#">20.7311, 34.4262, 13.3771</a>

# Details

The Hex color **7B0400** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **00777B**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **B7432F**, and **410000** is the 20% darker color. If you saturate the color by 10%, you get **7B0400**, and if you desaturate by 10%, it is **7B100C**.

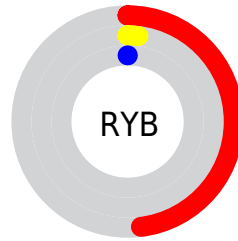
# Distribution



Red (48%)

Green (2%)

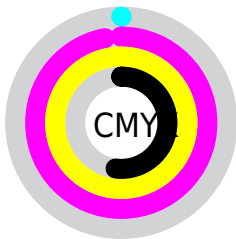
Blue (0%)



Red (48%)

Yellow (2%)

Blue (0%)

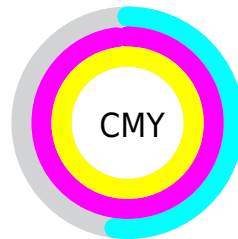


Cyan (0%)

Magenta (97%)

Yellow (100%)

Black (52%)



Cyan (52%)

Magenta (98%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B0400 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 7B0400 by changing the saturation by 10% instead.



 7B0400

 7B0400

 FFFFE3

 5D0000

 B7432F

 410000

 D65D46

 240001

 F5785E

 000000

 FF9377

 FFAF91

 FFCBAB

 FFE8C7

 7B0400

 7B100C

 7B1C19

 7B2825

 7B3431

 7B403E

 7B4B4A

 7B5756

 7B6362

 7B6F6F

# Harmonies

## Analogous

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



840030



7B0400



622C00

# Triad

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



7B0400



004A17



003D94

# Complementary

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



7B0400



00777B

# 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.



00488F



7B0400



004C47

# Square

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



7B0400



004600



004C72



472681

# Rectangle

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



7B0400



4A3800



004C72



004295



# Sweetspot

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



7B0400



A17270



7B0079



523534



D1D1D1



525252



# Same Dimension

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



7B0400



A10500



7B4000



3D3737



7D0400



FC0800



# Inverse Universe

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



00777B



009BA1



003B7B



373D3D



00797D

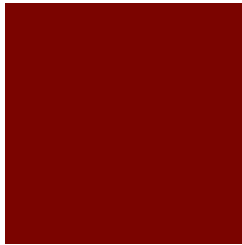


00F4FC



# Previews

## White Background



This preview shows how the Hex color 7B0400 looks on a white background.

## Color Contrast Check

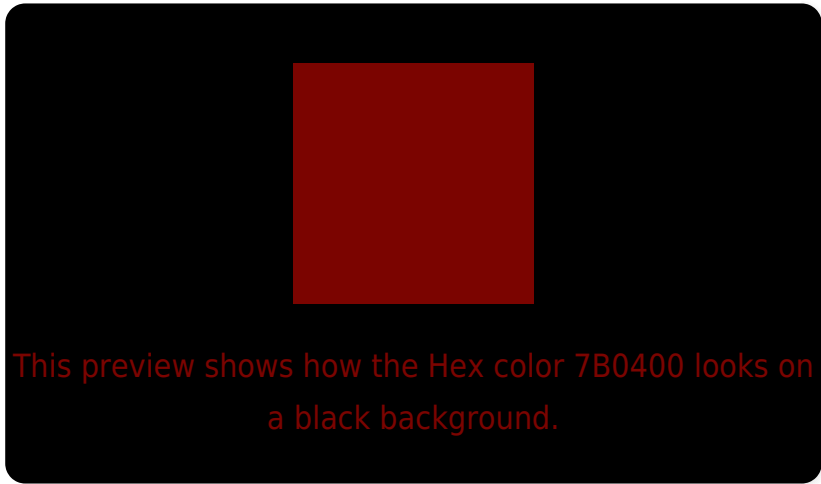
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B0400 Background



This preview shows how black text looks on a background with the Hex color 7B0400.



This preview shows how white text looks on a background with the Hex color 7B0400.

# 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**  
7B0400

**Protanopia**  
463E10

**Deuteranopia**  
4E3B00



**Tritanopia**  
7A0B00

# Trichromacy



**Original Color**  
7B0400

**Protanomaly**  
59290A

**Deuteranomaly**  
5E2700

**Tritanomaly**  
7A0800

# Monochromacy



**Original Color**  
7B0400

**Achromatopsia**  
272727

**Achromatomaly**  
461A19

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B0400 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 #7B0400 looks like.

```
.text, #text, p{  
    color:#7B0400  
}
```

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 #7B0400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B0400
}
```

## Border

The CSS property to change the border of an element to Hex 7B0400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

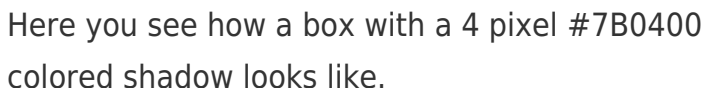
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B0400 }
```

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

```
.border{ border-color:#7B0400 }
```

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



Here you see how a box with a 4 pixel #7B0400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B0400; -webkit-box-shadow:4px 4px  
4px 4px #7B0400; box-shadow:4px 4px 4px  
4px #7B0400 }
```

# Background

The CSS property to change the background color of an element to Hex 7B0400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B0400 }
```

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

```
.background{ background-color:#7B0400 }
```

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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