

# Converting Colors

Hex(7A7400)

Have a look what the booklet for  
Hex(7A7400) contains.

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**Color**

**Hex(7A7400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A7400
RGB	122, 116, 0
RGB Percent	48%, 45%, 0%
CMY	0.5216, 0.5451, 1.0000
CMYK	0.00, 0.05, 1.00, 0.52
HSL	57°, 100%, 24%
HSV	57°, 100%, 48%
XYZ	14.2714, 16.6284, 2.4574
YIQ	104.5700, 40.8120, -34.8040

# Conversions

## Conversions Part 2

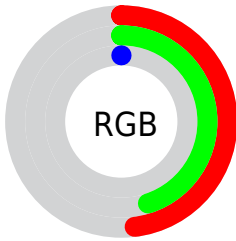
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 122, 0
Decimal	8025088
CIELab	47.79, -9.20, 53.46
CIELCh	48, 54.245, 99.760
Yxy	16.6284, 0.4278, 0.4985
Android (android.graphics.Color)	4286215168 (0xFF7A7400)
YUV	104.5700, -51.5530, 15.2861
Hunter-Lab	40.7779, -8.8899, 24.9715

# Details

The Hex color **7A7400** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **00067A**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **B2A83F**, and **454400** is the 20% darker color. If you saturate the color by 10%, you get **7A7400**, and if you desaturate by 10%, it is **7A750C**.

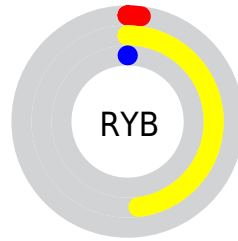
# Distribution



Red (48%)

Green (45%)

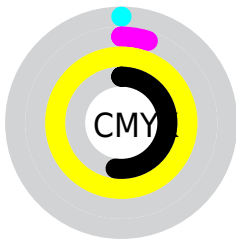
Blue (0%)



Red (2%)

Yellow (48%)

Blue (0%)

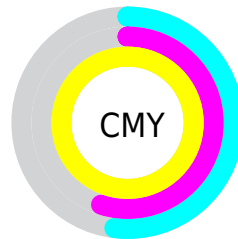


Cyan (0%)

Magenta (5%)

Yellow (100%)

Black (52%)



Cyan (52%)

Magenta (55%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A7400 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 7A7400 by changing the saturation by 10% instead.



 7A7400

 7A7400

FFFFFF

 5F5C00

 B2A83F

 454400

 CFC359

 2B2E00

 ECDF74

 121A00

 FFFB8F

 000000

 FFFFAA

 FFFFC6

 FFFFEE3

 7A7400

 7A750C

 7A7518

 7A7625

 7A7631

 7A773D

 7A7849

 7A7855

 7A7962

 7A796E

# Harmonies

## Analogous

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



A16413



7A7400



487F24

# Triad

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



7A7400



0085AB



B34A92

# Complementary

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



7A7400



00067A

# 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.



865EB8



7A7400



007FC7

# Square

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



7A7400



008780



1F72CC



C34364

# Rectangle

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



7A7400



008341



1F72CC



A850A0



# Sweetspot

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



7A7400



9E9C6F



7A0006



4F4E33



CFCFCF



4F4F4F



# Same Dimension

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



7A7400



9E9600



437A00



3D3D37



7D7700



FCF000



# Inverse Universe

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



00067A



00089E



37007A



37373D



00067D



000CFC



# Previews

## White Background



This preview shows how the Hex color 7A7400 looks on a white background.

## Color Contrast Check

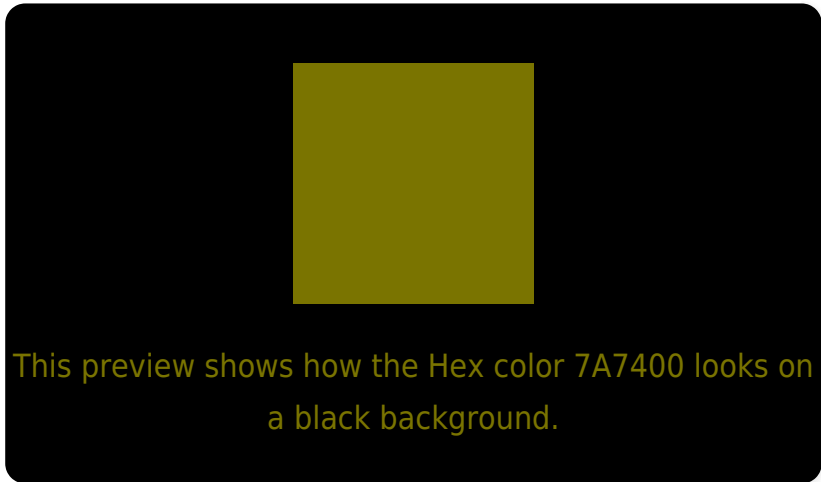
Large Text (above 18pt) WCAG AA ✓ Pass

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

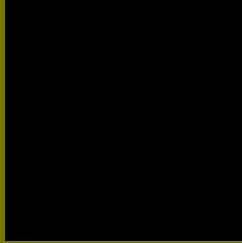
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7A7400 Background



This preview shows how black text looks on a background with the Hex color 7A7400.



This preview shows how white text looks on a background with the Hex color 7A7400.

# 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**  
7A7400

**Protanopia**  
807200

**Deuteranopia**  
8F6C10



**Tritanopia**  
816C74

# Trichromacy



**Original Color**  
7A7400

**Protanomaly**  
7E7300

**Deuteranomaly**  
876F0A

**Tritanomaly**  
7E6F4A

# Monochromacy



**Original Color**  
7A7400

**Achromatopsia**  
696969

**Achromatomaly**  
6F6D43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A7400 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 #7A7400 looks like.

```
.text, #text, p{  
    color:#7A7400  
}
```

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 #7A7400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A7400
}
```

## Border

The CSS property to change the border of an element to Hex 7A7400 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
#7A7400 }
```

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

```
.border{ border-color:#7A7400 }
```

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

Here you see how a box with a 4 pixel #7A7400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A7400; -webkit-box-shadow:4px 4px  
4px 4px #7A7400; box-shadow:4px 4px 4px  
4px #7A7400 }
```

# Background

The CSS property to change the background color of an element to Hex 7A7400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A7400 }
```

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

```
.background{ background-color:#7A7400 }
```

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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