

# Converting Colors

Hex(7B4D00)

Have a look what the booklet for  
Hex(7B4D00) contains.

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**Color**

**Hex(7B4D00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B4D00
RGB	123, 77, 0
RGB Percent	48%, 30%, 0%
CMY	0.5176, 0.6980, 1.0000
CMYK	0.00, 0.37, 1.00, 0.52
HSL	38°, 100%, 24%
HSV	38°, 100%, 48%
XYZ	10.8223, 9.5187, 1.2669
YIQ	81.9760, 52.1330, -14.1950

# Conversions

## Conversions Part 2

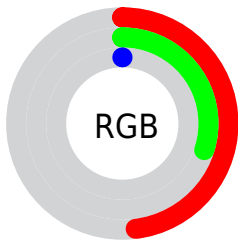
Format	Color
<a href="#">RYB</a>	<a href="#">73, 123, 0</a>
Decimal	<a href="#">8080640</a>
CIELab	<a href="#">36.96, 14.05, 46.00</a>
CIELCh	<a href="#">37, 48.095, 73.017</a>
Yxy	<a href="#">9.5187, 0.5008, 0.4405</a>
Android (android.graphics.Color)	<a href="#">4286270720 (0xFF7B4D00)</a>
YUV	<a href="#">81.9760, -40.4142, 35.9780</a>
Hunter-Lab	<a href="#">30.8524, 8.6217, 19.1620</a>

# Details

The Hex color **7B4D00** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **002E7B**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **B47E36**, and **442100** is the 20% darker color. If you saturate the color by 10%, you get **7B4D00**, and if you desaturate by 10%, it is **7B520C**.

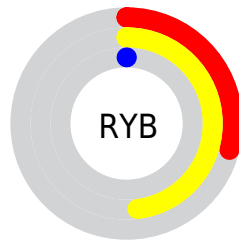
# Distribution



Red (48%)

Green (30%)

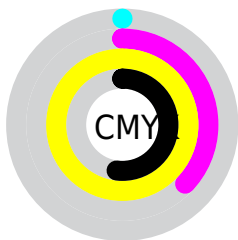
Blue (0%)



Red (29%)

Yellow (48%)

Blue (0%)

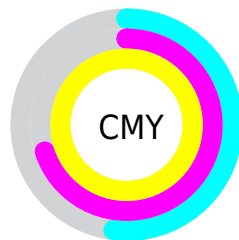


Cyan (0%)

Magenta (37%)

Yellow (100%)

Black (52%)



Cyan (52%)

Magenta (70%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B4D00 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 7B4D00 by changing the saturation by 10% instead.



 7B4D00

 7B4D00

 FFFFFF1

 603600

 B47E36

 442100

 D1984F

 2B0C00

 EFB369

 030000

 FFCE83

 000000

 FFEA9D

 FFFFB9

 FFFF5D

 7B4D00

 7B520C

 7B5619

 7B5B25

 7B5F31

 7B643E

 7B694A

 7B6D56

 7B7262

 7B766F

# Harmonies

## Analogous

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



933C23



7B4D00



5A5A00

# Triad

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



7B4D00



006967



6E4590

# Complementary

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



7B4D00



002E7B

# 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.



1C56A3



7B4D00



00678B

# Square

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



7B4D00



00673F



0061A1



91336F

# Rectangle

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



7B4D00



3E610A



0061A1



5B4B98



# Sweetspot

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



7B4D00



A18F70



7B002F



524734



D1D1D1



525252



# Same Dimension

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



7B4D00



A16500



6D7B00



3D3B37



7D4E00



FC9E00



# Inverse Universe

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



002E7B



003CA1



0E007B



37393D



002F7D

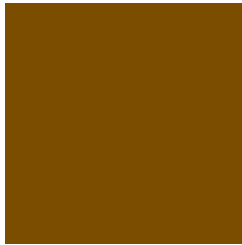


005EFC



# Previews

## White Background



This preview shows how the Hex color 7B4D00 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 7B4D00 Background



This preview shows how black text looks on a background with the Hex color 7B4D00.



This preview shows how white text looks on a background with the Hex color 7B4D00.

# 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**  
7B4D00

**Protanopia**  
635809

**Deuteranopia**  
6F5300



**Tritanopia**  
7E484D

# Trichromacy



**Original Color**  
7B4D00

**Protanomaly**  
6C5406

**Deuteranomaly**  
735100

**Tritanomaly**  
7D4A31

# Monochromacy



**Original Color**  
7B4D00

**Achromatopsia**  
525252

**Achromatomaly**  
615034

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B4D00 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 #7B4D00 looks like.

```
.text, #text, p{  
    color:#7B4D00  
}
```

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 #7B4D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B4D00
}
```

## Border

The CSS property to change the border of an element to Hex 7B4D00 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
#7B4D00 }
```

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

```
.border{ border-color:#7B4D00 }
```

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

Here you see how a box with a 4 pixel #7B4D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B4D00; -webkit-box-shadow:4px 4px  
4px 4px #7B4D00; box-shadow:4px 4px 4px  
4px #7B4D00 }
```

# Background

The CSS property to change the background color of an element to Hex 7B4D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B4D00 }
```

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

```
.background{ background-color:#7B4D00 }
```

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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