

Converting Colors

Hex(7B6D00)

Have a look what the booklet for
Hex(7B6D00) contains.

Hex(7B6D00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7B6D00)

Conversions

Conversions Part 1

Format	Color
Hex	7B6D00
RGB	123, 109, 0
RGB Percent	48%, 43%, 0%
CMY	0.5176, 0.5725, 1.0000
CMYK	0.00, 0.11, 1.00, 0.52
HSL	53°, 100%, 24%
HSV	53°, 100%, 48%
XYZ	13.6370, 15.1482, 2.2052
YIQ	100.7600, 43.3330, -30.9310

Conversions

Conversions Part 2

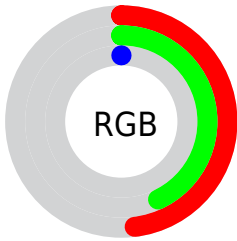
Format	Color
RYB	16, 123, 0
Decimal	8088832
CIELab	45.84, -4.78, 52.10
CIELCh	46, 52.318, 95.243
Yxy	15.1482, 0.4400, 0.4888
Android (android.graphics.Color)	4286278912 (0xFF7B6D00)
YUV	100.7600, -49.6747, 19.5045
Hunter-Lab	38.9207, -5.5686, 23.8853

Details

The Hex color **7B6D00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **000E7B**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **B3A03E**, and **463E00** is the 20% darker color. If you saturate the color by 10%, you get **7B6D00**, and if you desaturate by 10%, it is **7B6E0C**.

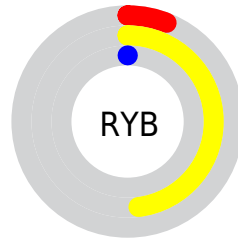
Distribution



Red (48%)

Green (43%)

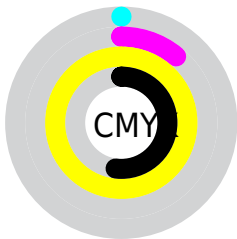
Blue (0%)



Red (6%)

Yellow (48%)

Blue (0%)

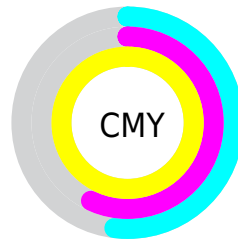


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (52%)



Cyan (52%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B6D00 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 7B6D00 by changing the saturation by 10% instead.

 7B6D00

 7B6D00

FFFFFFD

 605500

 B3A03E

 463E00

 D0BB58

 2C2800

 EDD772

 121500

 FFF38C

 000000

 FFFFA8

 FFFFC4

 FFFFEO

 7B6D00

 7B6E0C

 7B7019

 7B7125

 7B7331

 7B743E

 7B754A

 7B7756

 7B7862

 7B7A6F

Harmonies

Analogous

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



9F5D18



7B6D00



4D781D

Triad

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



7B6D00



00809E



A74A92

Complementary

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



7B6D00



000E7B

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.



775DB5



7B6D00



007BBC

Square

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



7B6D00



008173



006FC4



BA4067

Rectangle

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



7B6D00



1C7D38



006FC4



9A509F

Sweetspot

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



7B6D00



A19B70



7B000E



524E34



D1D1D1



525252

Same Dimension

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



7B6D00



A18E00



4C7B00



3D3D37



7D6F00



FCE000

Inverse Universe

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



000E7B



0012A1



2F007B



37383D



000E7D



001DFC

Previews

White Background



This preview shows how the Hex color 7B6D00 looks on a white background.

Color Contrast Check

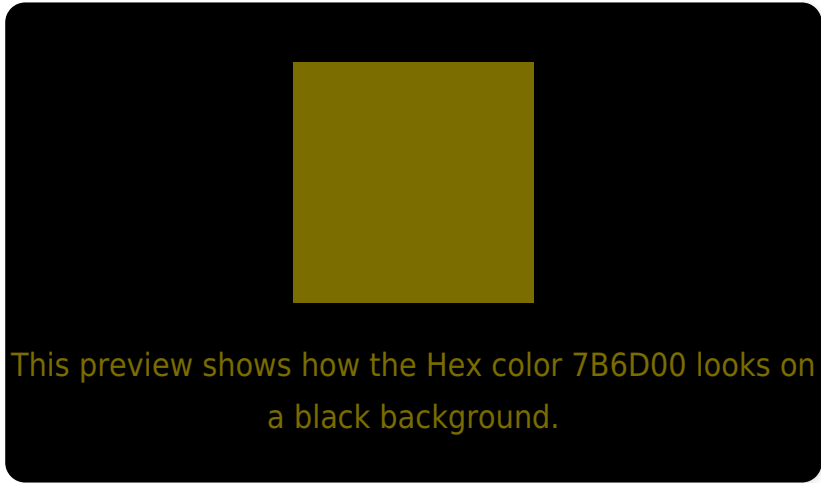
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B6D00 Background



This preview shows how black text looks on a background with the Hex color 7B6D00.



This preview shows how white text looks on a background with the Hex color 7B6D00.

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
7B6D00

Protanopia
7B6D01

Deuteranopia
89670E



Tritanopia
81656D

Trichromacy



Original Color
7B6D00

Protanomaly
7B6D01

Deuteranomaly
846909

Tritanomaly
7F6845

Monochromacy



Original Color
7B6D00

Achromatopsia
656565

Achromatomaly
6D6840

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B6D00 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 #7B6D00 looks like.

```
.text, #text, p{  
    color:#7B6D00  
}
```

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 #7B6D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B6D00
}
```

Border

The CSS property to change the border of an element to Hex 7B6D00 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
#7B6D00 }
```

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

```
.border{ border-color:#7B6D00 }
```

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

Here you see how a box with a 4 pixel #7B6D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B6D00; -webkit-box-shadow:4px 4px  
4px 4px #7B6D00; box-shadow:4px 4px 4px  
4px #7B6D00 }
```

Background

The CSS property to change the background color of an element to Hex 7B6D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B6D00 }
```

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

```
.background{ background-color:#7B6D00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor