

Converting Colors

Hex(7B5A03)

Have a look what the booklet for
Hex(7B5A03) contains.

Hex(7B5A03)	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(7B5A03)

Conversions

Conversions Part 1

Format	Color
Hex	7B5A03
RGB	123, 90, 3
RGB Percent	48%, 35%, 1%
CMY	0.5176, 0.6471, 0.9882
CMYK	0.00, 0.27, 0.98, 0.52
HSL	44°, 95%, 25%
HSV	44°, 98%, 48%
XYZ	11.8410, 11.5299, 1.6875
YIQ	89.9490, 47.5950, -20.0610

Conversions

Conversions Part 2

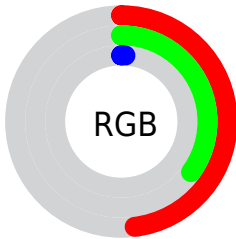
Format	Color
RYB	49, 123, 3
Decimal	8083971
CIELab	40.46, 6.36, 47.48
CIElCh	40, 47.902, 82.367
Yxy	11.5299, 0.4725, 0.4601
Android (android.graphics.Color)	4286274051 (0xFF7B5A03)
YUV	89.9490, -42.8659, 28.9857
Hunter-Lab	33.9556, 2.8240, 20.8223

Details

The Hex color **7B5A03** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **03247B**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **B38C3B**, and **452D00** is the 20% darker color. If you saturate the color by 10%, you get **7B5900**, and if you desaturate by 10%, it is **7B5D0F**.

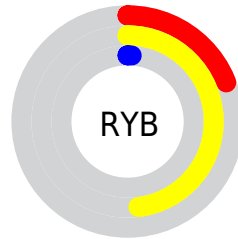
Distribution



Red (48%)

Green (35%)

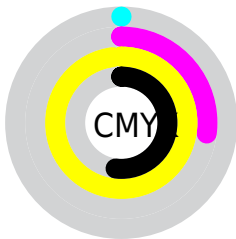
Blue (1%)



Red (19%)

Yellow (48%)

Blue (1%)

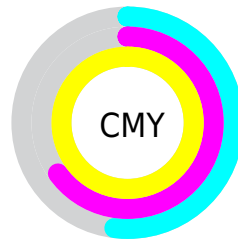


Cyan (0%)

Magenta (27%)

Yellow (98%)

Black (52%)



Cyan (52%)

Magenta (65%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B5A03 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 7B5A03 by changing the saturation by 10% instead.

 7B5A03

 7B5A03

 FFFFF8

 604300

 B38C3B

 452D00

 D0A654

 2C1800

 EEC16E

 110000

 FFDD88

 000000

 FFF9A3

 FFFFBF

 FFFFDB

 7B5A03

 7B5A03

■ 7B5900

■ 7B5D0F

■ 7B611C

■ 7B6428

■ 7B6834

■ 7B6B41

■ 7B6E4D

■ 7B7259

■ 7B7565

■ 7B7872

Harmonies

Analogous

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



974A21



7B5A03



566609

Triad

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



7B5A03



00727C



854790

Complementary

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



7B5A03



03247B

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.



4B59A8



7B5A03



006F9D

Square

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



7B5A03



007154



0067AD



A0396B

Rectangle

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



7B5A03



376B20



0067AD



764E9A

Sweetspot

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



7B5A03



A19472



7B0325



524A35



D1D1D1



525252

Same Dimension

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



7B5A03



A17400



617B03



3D3C37



7D5B00



FCB700

Inverse Universe

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



03247B



002CA1



1D037B



37393D



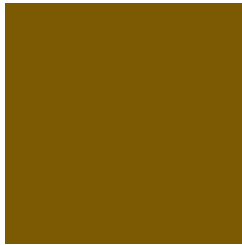
00227D



0045FC

Previews

White Background



This preview shows how the Hex color 7B5A03 looks on a white background.

Color Contrast Check

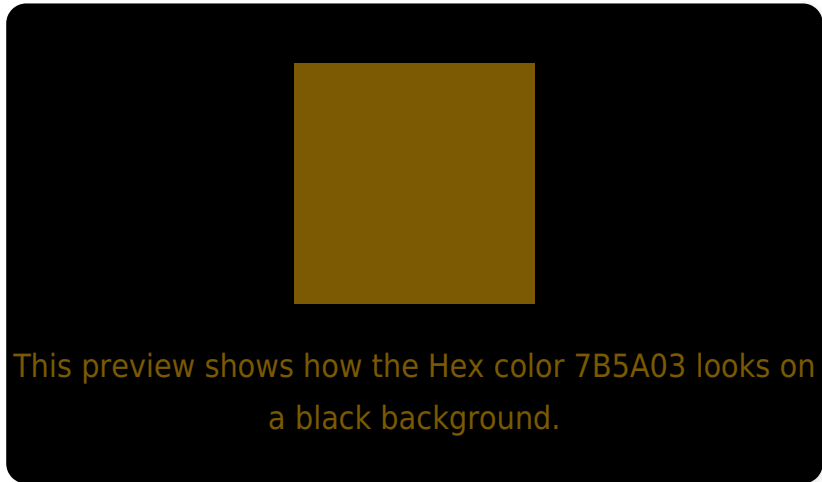
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B5A03 Background



This preview shows how black text looks on a background with the Hex color 7B5A03.



This preview shows how white text looks on a background with the Hex color 7B5A03.

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
7B5A03

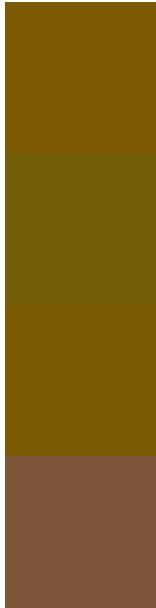
Protanopia
6C6008

Deuteranopia
795B00



Tritanopia
7F545A

Trichromacy



Original Color
7B5A03

Protanomaly
715E06

Deuteranomaly
7A5B01

Tritanomaly
7E563A

Monochromacy



Original Color
7B5A03

Achromatopsia
5A5A5A

Achromatomaly
665A3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B5A03 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 #7B5A03 looks like.

```
.text, #text, p{  
    color:#7B5A03  
}
```

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 #7B5A03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B5A03
}
```

Border

The CSS property to change the border of an element to Hex 7B5A03 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
#7B5A03 }
```

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

```
.border{ border-color:#7B5A03 }
```

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

Here you see how a box with a 4 pixel #7B5A03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B5A03; -webkit-box-shadow:4px 4px  
4px 4px #7B5A03; box-shadow:4px 4px 4px  
4px #7B5A03 }
```

Background

The CSS property to change the background color of an element to Hex 7B5A03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B5A03 }
```

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

```
.background{ background-color:#7B5A03 }
```

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