

Converting Colors

Hex(7A3C06)

Have a look what the booklet for
Hex(7A3C06) contains.

| | |
|--|----|
| Hex(7A3C06) | 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(7A3C06)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 7A3C06 |
| RGB | 122, 60, 6 |
| RGB Percent | 48%, 24%, 2% |
| CMY | 0.5216, 0.7647, 0.9765 |
| CMYK | 0.00, 0.51, 0.95, 0.52 |
| HSL | 28°, 91%, 25% |
| HSV | 28°, 95%, 48% |
| XYZ | 9.6748, 7.3824, 1.0873 |
| YIQ | 72.3820, 54.2860, -3.6500 |

Conversions

Conversions Part 2

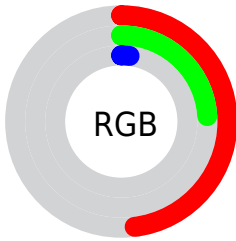
| Format | Color |
|-------------------------------------|---|
| RYB | 122, 107, 6 |
| Decimal | 8010758 |
| CIELab | 32.66, 23.70, 40.83 |
| CIElCh | 33, 47.214, 59.862 |
| Yxy | 7.3824, 0.5332, 0.4069 |
| Android (android.graphics.Color) | 4286200838 (0xFF7A3C06) |
| YUV | 72.3820, -32.7263, 43.5150 |
| Hunter-Lab | 27.1706, 16.0106, 16.6467 |

Details

The Hex color **7A3C06** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **06447A**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **B46C37**, and **430F00** is the 20% darker color. If you saturate the color by 10%, you get **7A3900**, and if you desaturate by 10%, it is **7A4312**.

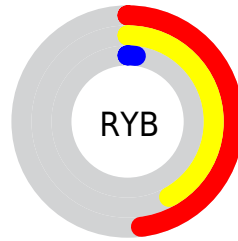
Distribution



Red (48%)

Green (24%)

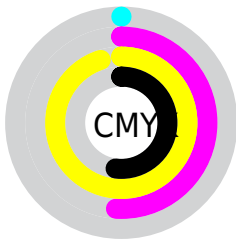
Blue (2%)



Red (48%)

Yellow (42%)

Blue (2%)

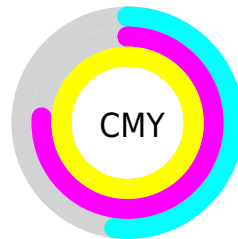


Cyan (0%)

Magenta (51%)

Yellow (95%)

Black (52%)



Cyan (52%)

Magenta (76%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A3C06 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 7A3C06 by changing the saturation by 10% instead.

 7A3C06

 7A3C06

 FFFFF0

 5E2500

 B46C37

 430F00

 D1864F

 2A0000

 EFA068

 000000

 FFBB82

 FFD79D

 FFF4B8

 FFFFD4

 7A3C06

 7A3C06

■ 7A3900

■ 7A4312

■ 7A491E

■ 7A502B

■ 7A5637

■ 7A5D43

■ 7A634F

■ 7A6A5B

■ 7A7068

■ 7A7774

Harmonies

Analogous

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



8B2A2A



7A3C06



5E4B00

Triad

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



7A3C06



005D4C



49438E

Complementary

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



7A3C06



06447A

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.



005298



7A3C06



005D71

Square

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



7A3C06



005B25



005A8D



793073

Rectangle

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



7A3C06



465200



005A8D



2E4893

Sweetspot

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



7A3C06



9E8670



7A0646



4F4033



CFCFCF



4F4F4F

Same Dimension

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



7A3C06



9E4A00



7A7406



3D3A37



7D3A00



FC7600

Inverse Universe

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



06447A



00559E



060C7A



373A3D



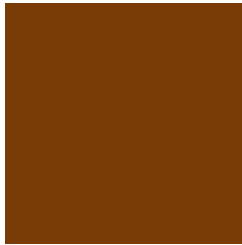
00437D



0087FC

Previews

White Background



This preview shows how the Hex color 7A3C06 looks on a white background.

Color Contrast Check

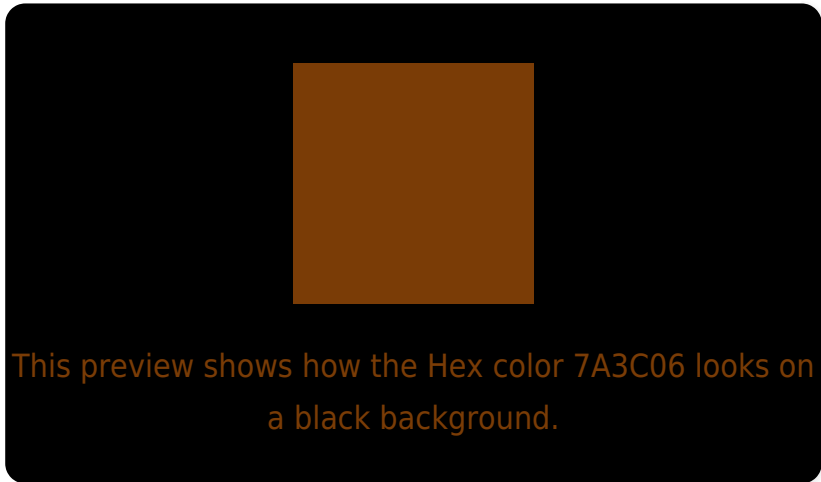
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A3C06 Background



This preview shows how black text looks on a background with the Hex color 7A3C06.



This preview shows how white text looks on a background with the Hex color 7A3C06.

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
7A3C06

Protanopia
574E0C

Deuteranopia
624A00



Tritanopia
7C383C

Trichromacy



Original Color
7A3C06

Protanomaly
64470A

Deuteranomaly
6B4502

Tritanomaly
7B3928

Monochromacy



Original Color
7A3C06

Achromatopsia
484848

Achromatomaly
5A4430

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A3C06 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 #7A3C06 looks like.

```
.text, #text, p{  
    color:#7A3C06  
}
```

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 #7A3C06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A3C06
}
```

Border

The CSS property to change the border of an element to Hex 7A3C06 is called "border". The border property can be set on classes, ids or directly on the HTML element.

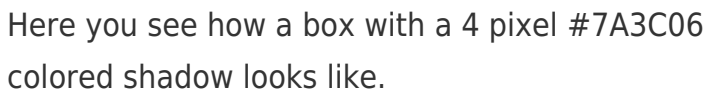
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A3C06 }
```

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

```
.border{ border-color:#7A3C06 }
```

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



Here you see how a box with a 4 pixel #7A3C06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A3C06; -webkit-box-shadow:4px 4px  
4px 4px #7A3C06; box-shadow:4px 4px 4px  
4px #7A3C06 }
```

Background

The CSS property to change the background color of an element to Hex 7A3C06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A3C06 }
```

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

```
.background{ background-color:#7A3C06 }
```

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