

Converting Colors

Hex(7A670B)

Have a look what the booklet for
Hex(7A670B) contains.

Hex(7A670B)	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(7A670B)

Conversions

Conversions Part 1

Format	Color
Hex	7A670B
RGB	122, 103, 11
RGB Percent	48%, 40%, 4%
CMY	0.5216, 0.5961, 0.9569
CMYK	0.00, 0.16, 0.91, 0.52
HSL	50°, 83%, 26%
HSV	50°, 91%, 48%
XYZ	12.9367, 13.8622, 2.3104
YIQ	98.1930, 40.8560, -24.5840

Conversions

Conversions Part 2

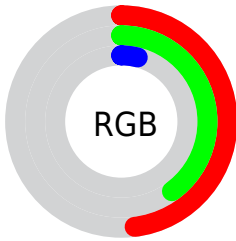
Format	Color
R_{YB}	34, 122, 11
Decimal	8021771
CIE Lab	44.03, -1.57, 48.14
CIE LCh	44, 48.164, 91.873
Yxy	13.8622, 0.4444, 0.4762
Android (android.graphics.Color)	4286211851 (0xFF7A670B)
YUV	98.1930, -42.9861, 20.8787
Hunter-Lab	37.2320, -3.1342, 22.3831

Details

The Hex color **7A670B** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0B1E7A**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **B29A42**, and **453900** is the 20% darker color. If you saturate the color by 10%, you get **7A6500**, and if you desaturate by 10%, it is **7A6917**.

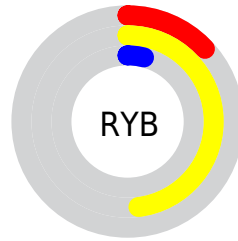
Distribution



Red (48%)

Green (40%)

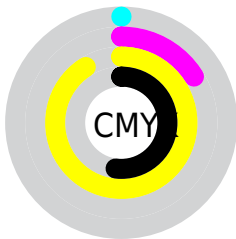
Blue (4%)



Red (13%)

Yellow (48%)

Blue (4%)

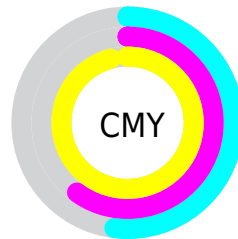


Cyan (0%)

Magenta (16%)

Yellow (91%)

Black (52%)



Cyan (52%)

Magenta (60%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A670B 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 7A670B by changing the saturation by 10% instead.



7A670B



7A670B

FFFFFF



5F4F00



B29A42



453900



CFB45B



2C2300



ECD075



110F00



FFEC90



000000



FFFFAB



FFFFC7



FFFFE4



7A670B



7A670B

■ 7A6500

■ 7A6917

■ 7A6B23

■ 7A6D30

■ 7A6F3C

■ 7A7148

■ 7A7454

■ 7A7660

■ 7A786D

■ 7A7A79

Harmonies

Analogous

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



9A581F



7A670B



51721D

Triad

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



7A670B



007A91



9A4B8E

Complementary

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



7A670B



0B1E7A

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.



6B5CAC



7A670B



0076AE

Square

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



7A670B



007B69



006CB8



AF4167

Rectangle

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



7A670B



2C7734



006CB8



8E509A

Sweetspot

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



7A670B



9E9773



7A0B1F



4F4B36



CFCFCF



4F4F4F

Same Dimension

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



7A670B



9E8300



577A0B



3D3C37



7D6800



FCD100

Inverse Universe

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



0B1E7A



001B9E



2E0B7A



37383D



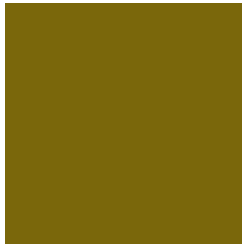
00157D



002BFC

Previews

White Background



This preview shows how the Hex color 7A670B looks on a white background.

Color Contrast Check

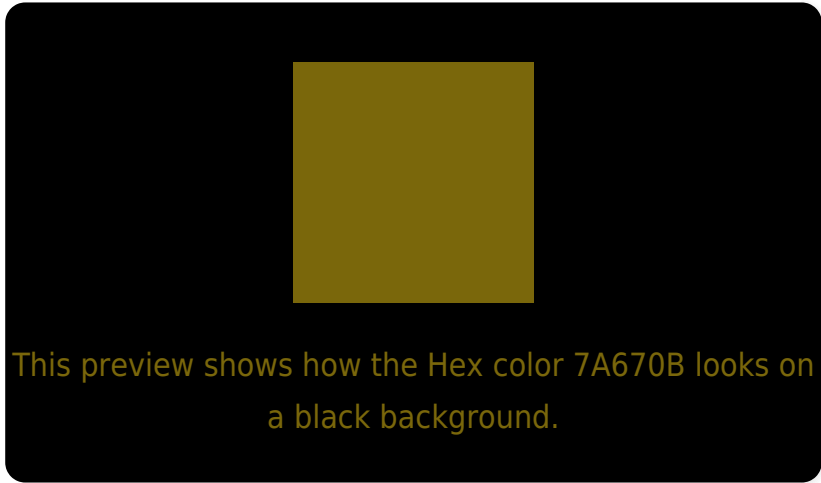
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A670B Background



This preview shows how black text looks on a background with the Hex color 7A670B.



This preview shows how white text looks on a background with the Hex color 7A670B.

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
7A670B

Protanopia
76690C

Deuteranopia
84630F



Tritanopia
806067

Trichromacy



Original Color
7A670B

Protanomaly
77680C

Deuteranomaly
80640E

Tritanomaly
7E6346

Monochromacy



Original Color
7A670B

Achromatopsia
626262

Achromatomaly
6B6442

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A670B 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 #7A670B looks like.

```
.text, #text, p{  
    color:#7A670B  
}
```

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 #7A670B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A670B
}
```

Border

The CSS property to change the border of an element to Hex 7A670B is called "border". The border property can be set on classes, ids or directly on the HTML element.

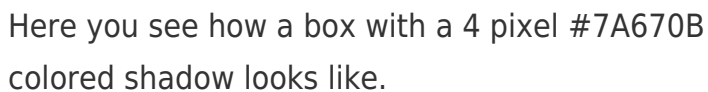
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A670B }
```

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

```
.border{ border-color:#7A670B }
```

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



Here you see how a box with a 4 pixel #7A670B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A670B; -webkit-box-shadow:4px 4px  
4px 4px #7A670B; box-shadow:4px 4px 4px  
4px #7A670B }
```

Background

The CSS property to change the background color of an element to Hex 7A670B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A670B }
```

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

```
.background{ background-color:#7A670B }
```

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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