

# Converting Colors

Hex(7C6E1B)

Have a look what the booklet for  
Hex(7C6E1B) contains.

<b>Hex(7C6E1B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(7C6E1B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7C6E1B
RGB	124, 110, 27
RGB Percent	49%, 43%, 11%
CMY	0.5137, 0.5686, 0.8941
CMYK	0.00, 0.11, 0.78, 0.51
HSL	51°, 64%, 30%
HSV	51°, 78%, 49%
XYZ	14.0859, 15.5161, 3.2894
YIQ	104.7240, 34.9870, -22.8450

# Conversions

## Conversions Part 2

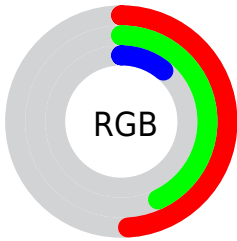
Format	Color
<b>RYB</b>	43, 124, 27
Decimal	8154651
CIELab	46.33, -4.08, 45.18
CIELCh	46, 45.365, 95.159
Yxy	15.5161, 0.4283, 0.4717
Android (android.graphics.Color)	4286344731 (0xFF7C6E1B)
YUV	104.7240, -38.3179, 16.9051
Hunter-Lab	39.3905, -5.1021, 22.6221

# Details

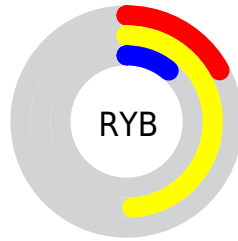
The Hex color **7C6E1B** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1B297C**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **B3A14E**, and **483F00** is the 20% darker color. If you saturate the color by 10%, you get **7C6C0F**, and if you desaturate by 10%, it is **7C7027**.

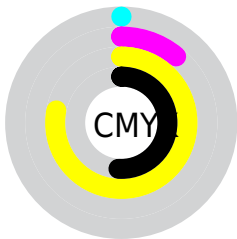
# Distribution



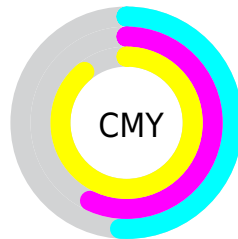
- Red (49%)
- Green (43%)
- Blue (11%)



- Red (17%)
- Yellow (49%)
- Blue (11%)



- Cyan (0%)
- Magenta (11%)
- Yellow (78%)
- Black (51%)



- Cyan (51%)
- Magenta (57%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C6E1B 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 7C6E1B by changing the saturation by 10% instead.





7C6E1B



7C6E1B

FFFFFF



615600



B3A14E



483F00



D0BC67



2E2900



EDD881



151500



FFF49C



000000



FFFFB7



FFFFD4



FFFFFF0



7C6E1B



7C6E1B

■ 7C6C0F

■ 7C7027

■ 7C6A02

■ 7C7234

■ 7C6A00

■ 7C7340

■ 7C754D

■ 7C7759

■ 7C7965

■ 7C7B72

■ 7C7C7E

■ 7C7E8B

# Harmonies

## Analogous

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



9B6027



7C6E1B



54782B

# Triad

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



7C6E1B



007F99



A1528E

# Complementary

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



7C6E1B



1B297C

# 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.



7861AC



7C6E1B



007AB2

# Square

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



7C6E1B



008073



2770BA



B34B69

# Rectangle

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



7C6E1B



317C40



2770BA



96569A



# Sweetspot

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



7C6E1B



A19B7C



7C1B2A



524E3B



D1D1D1



525252



# Same Dimension

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



7C6E1B



A18B0A



5A7C1B



3D3C37



7D6B00



FCD800



# Inverse Universe

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



1B297C



0A1FA1



3D1B7C



37383D



00127D



0024FC



# Previews

## White Background



This preview shows how the Hex color 7C6E1B looks on a white background.

## Color Contrast Check

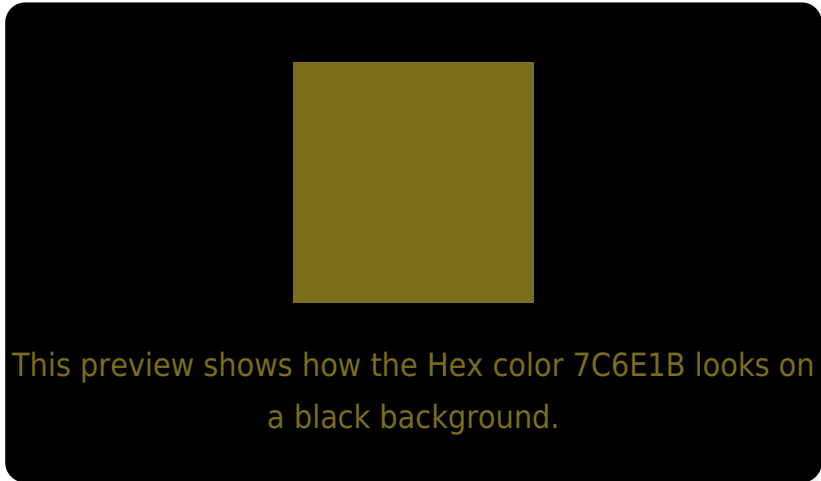
Large Text (above 18pt) WCAG AA ✓ Pass

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 7C6E1B Background



This preview shows how black text looks on a background with the Hex color 7C6E1B.



This preview shows how white text looks on a background with the Hex color 7C6E1B.

# 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**

7C6E1B

**Protanopia**

7C6E1B

**Deuteranopia**

8A681E



**Tritanopia**  
82676E

# Trichromacy



**Original Color**  
7C6E1B

**Protanomaly**  
7C6E1B

**Deuteranomaly**  
856A1D

**Tritanomaly**  
806A50

# Monochromacy



**Original Color**  
7C6E1B

**Achromatopsia**  
696969

**Achromatomaly**  
706B4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C6E1B 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 #7C6E1B looks like.

```
.text, #text, p{  
    color:#7C6E1B  
}
```

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 #7C6E1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C6E1B
}
```

## Border

The CSS property to change the border of an element to Hex 7C6E1B 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
#7C6E1B }
```

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

```
.border{ border-color:#7C6E1B }
```

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

Here you see how a box with a 4 pixel #7C6E1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C6E1B; -webkit-box-shadow:4px 4px  
4px 4px #7C6E1B; box-shadow:4px 4px 4px  
4px #7C6E1B }
```

# Background

The CSS property to change the background color of an element to Hex 7C6E1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C6E1B }
```

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

```
.background{ background-color:#7C6E1B }
```

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