

# Converting Colors

Hex(7A6C0D)

Have a look what the booklet for  
Hex(7A6C0D) contains.

<b>Hex(7A6C0D)</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(7A6C0D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A6C0D
RGB	122, 108, 13
RGB Percent	48%, 42%, 5%
CMY	0.5216, 0.5765, 0.9490
CMYK	0.00, 0.11, 0.89, 0.52
HSL	52°, 81%, 26%
HSV	52°, 89%, 48%
XYZ	13.4612, 14.8918, 2.5457
YIQ	101.3560, 38.8390, -26.5770

# Conversions

## Conversions Part 2

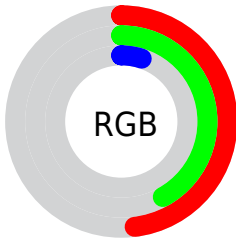
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 122, 13
Decimal	8023053
CIE Lab	45.49, -4.40, 48.82
CIE LCh	45, 49.018, 95.147
Yxy	14.8918, 0.4357, 0.4820
Android (android.graphics.Color)	4286213133 (0xFF7A6C0D)
YUV	101.3560, -43.5595, 18.1048
Hunter-Lab	38.5898, -5.2663, 23.1017

# Details

The Hex color **7A6C0D** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0D1B7A**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **B29F44**, and **463D00** is the 20% darker color. If you saturate the color by 10%, you get **7A6A01**, and if you desaturate by 10%, it is **7A6E19**.

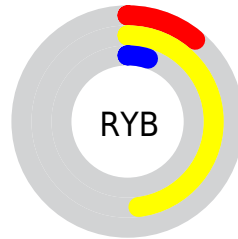
# Distribution



Red (48%)

Green (42%)

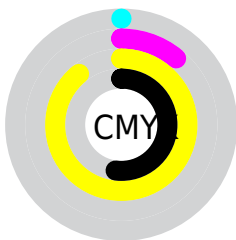
Blue (5%)



Red (11%)

Yellow (48%)

Blue (5%)

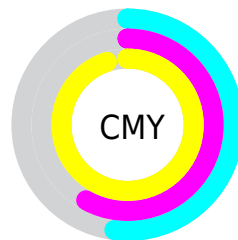


Cyan (0%)

Magenta (11%)

Yellow (89%)

Black (52%)



Cyan (52%)

Magenta (58%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A6C0D 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 7A6C0D by changing the saturation by 10% instead.



 7A6C0D

 7A6C0D

FFFFFF

 5F5400

 B29F44

 463D00

 CEBA5E

 2C2800

 ECD678

 121400

 FFF292

 000000

 FFFFAE

 FFFFCA

 FFFF E6

 7A6C0D

 7A6C0D

■ 7A6A01

■ 7A6E19

■ 7A6A00

■ 7A6F25

■ 7A7132

■ 7A723E

■ 7A744A

■ 7A7556

■ 7A7762

■ 7A796F

■ 7A7A7B

# Harmonies

## Analogous

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



9B5D1E



7A6C0D



4F7723

# Triad

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



7A6C0D



007E9A



A34C8F

# Complementary

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



7A6C0D



0D1B7A

# 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.



765EAF



7A6C0D



0079B6

# Square

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



7A6C0D



007F72



046EBD



B54466

# Rectangle

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



7A6C0D



257B3A



046EBD



97529B



# Sweetspot

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



7A6C0D



9E9973



7A0D1C



4F4C36



CFCFCF



4F4F4F



# Same Dimension

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



7A6C0D



9E8A00



527A0D



3D3C37



7D6D00



FCDC00



# Inverse Universe

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



0D1B7A



00149E



350D7A



37383D



00107D

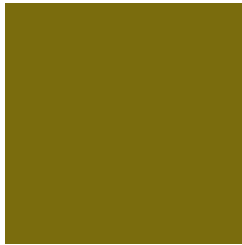


0020FC



# Previews

## White Background



This preview shows how the Hex color 7A6C0D looks on a white background.

## Color Contrast Check

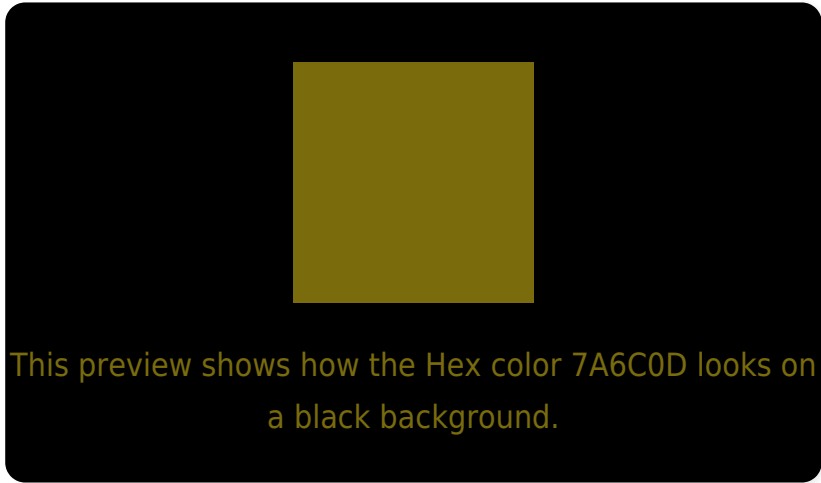
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A6C0D Background



This preview shows how black text looks on a background with the Hex color 7A6C0D.



This preview shows how white text looks on a background with the Hex color 7A6C0D.

# 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**  
7A6C0D

**Protanopia**  
7A6C0D

**Deuteranopia**  
886612



**Tritanopia**  
80646C

# Trichromacy



**Original Color**  
7A6C0D

**Protanomaly**  
7A6C0D

**Deuteranomaly**  
836810

**Tritanomaly**  
7E6749

# Monochromacy



**Original Color**  
7A6C0D

**Achromatopsia**  
656565

**Achromatomaly**  
6D6845

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A6C0D 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 #7A6C0D looks like.

```
.text, #text, p{  
    color:#7A6C0D  
}
```

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 #7A6C0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A6C0D
}
```

## Border

The CSS property to change the border of an element to Hex 7A6C0D 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
#7A6C0D }
```

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

```
.border{ border-color:#7A6C0D }
```

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

Here you see how a box with a 4 pixel #7A6C0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A6C0D; -webkit-box-shadow:4px 4px  
4px 4px #7A6C0D; box-shadow:4px 4px 4px  
4px #7A6C0D }
```

# Background

The CSS property to change the background color of an element to Hex 7A6C0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A6C0D }
```

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

```
.background{ background-color:#7A6C0D }
```

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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