

# Converting Colors

Hex(7B611D)

Have a look what the booklet for  
Hex(7B611D) contains.

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**Color**

**Hex(7B611D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B611D
RGB	123, 97, 29
RGB Percent	48%, 38%, 11%
CMY	0.5176, 0.6196, 0.8863
CMYK	0.00, 0.21, 0.76, 0.52
HSL	43°, 62%, 30%
HSV	43°, 76%, 48%
XYZ	12.6648, 12.8491, 2.9750
YIQ	97.0220, 37.3240, -15.6360

# Conversions

## Conversions Part 2

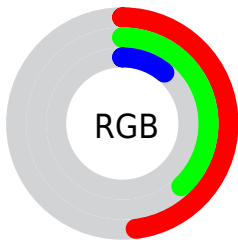
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	65, 123, 29
Decimal	8085789
CIE <sub>Lab</sub>	42.53, 3.08, 40.68
CIE <sub>LCh</sub>	43, 40.800, 85.676
Yxy	12.8491, 0.4446, 0.4510
Android (android.graphics.Color)	4286275869 (0xFF7B611D)
YUV	97.0220, -33.5348, 22.7827
Hunter-Lab	35.8456, 0.3373, 20.1711

# Details

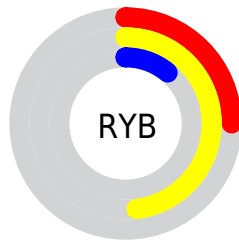
The Hex color **7B611D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **1D377B**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **B2934E**, and **473300** is the 20% darker color. If you saturate the color by 10%, you get **7B5E11**, and if you desaturate by 10%, it is **7B6429**.

# Distribution



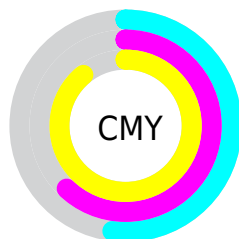
- Red (48%)
- Green (38%)
- Blue (11%)



- Red (25%)
- Yellow (48%)
- Blue (11%)



- Cyan (0%)
- Magenta (21%)
- Yellow (76%)
- Black (52%)



- Cyan (52%)
- Magenta (62%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B611D 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 7B611D by changing the saturation by 10% instead.



 7B611D

 7B611D

FFFFFF

 604902

 B2934E

 473300

 CFAE67

 2D1E00

 ECC981

 140600

 FFE59B

 000000

 FFFFB7

 FFFF D2

 FFFF EF

 7B611D

 7B611D

■ 7B5E11

■ 7B6429

■ 7B5A04

■ 7B6836

■ 7B5900

■ 7B6B42

■ 7B6F4E

■ 7B725B

■ 7B7567

■ 7B7973

■ 7B7C7F

■ 7B808C

# Harmonies

## Analogous

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



94542D



7B611D



5A6B24

# Triad

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



7B611D



007581



89508B

# Complementary

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



7B611D



1D377B

# 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.



5D5EA1



7B611D



00719B

# Square

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



7B611D



00755E



006AA7



9F466B

# Rectangle

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



7B611D



3F7033



006AA7



7D5494



# Sweetspot

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



7B611D



A1967C



7B1D38



524B3B



D1D1D1



525252



# Same Dimension

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



7B611D



A1780D



677B1D



3D3C37



7D5A00



FCB700



# Inverse Universe

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



1D377B



0D36A1



311D7B



37393D



00237D



0046FC



# Previews

## White Background



This preview shows how the Hex color 7B611D looks on a white background.

## Color Contrast Check

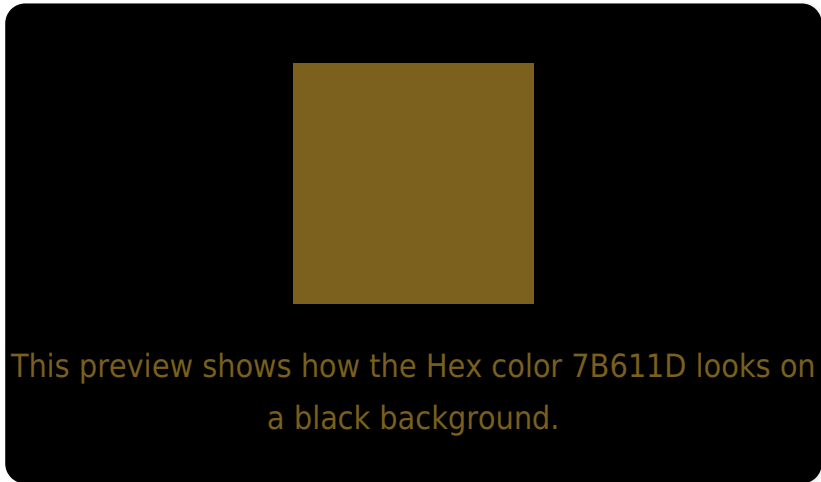
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B611D Background



This preview shows how black text looks on a background with the Hex color 7B611D.



This preview shows how white text looks on a background with the Hex color 7B611D.

# 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**  
7B611D

**Protanopia**  
71651E

**Deuteranopia**  
7E601E



**Tritanopia**  
805B62

# Trichromacy



**Original Color**  
7B611D

**Protanomaly**  
75641E

**Deuteranomaly**  
7D601E

**Tritanomaly**  
7E5D49

# Monochromacy



**Original Color**  
7B611D

**Achromatopsia**  
616161

**Achromatomaly**  
6A6148

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B611D 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 #7B611D looks like.

```
.text, #text, p{  
    color:#7B611D  
}
```

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 #7B611D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B611D
}
```

## Border

The CSS property to change the border of an element to Hex 7B611D 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
#7B611D }
```

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

```
.border{ border-color:#7B611D }
```

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

Here you see how a box with a 4 pixel #7B611D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B611D; -webkit-box-shadow:4px 4px  
4px 4px #7B611D; box-shadow:4px 4px 4px  
4px #7B611D }
```

# Background

The CSS property to change the background color of an element to Hex 7B611D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B611D }
```

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

```
.background{ background-color:#7B611D }
```

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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