

# Converting Colors

Hex(7F1C0B)

Have a look what the booklet for  
Hex(7F1C0B) contains.

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**Color**

**Hex(7F1C0B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F1C0B
RGB	127, 28, 11
RGB Percent	50%, 11%, 4%
CMY	0.5020, 0.8902, 0.9569
CMYK	0.00, 0.78, 0.91, 0.50
HSL	9°, 84%, 27%
HSV	9°, 91%, 50%
XYZ	9.2281, 5.3667, 0.8661
YIQ	55.6630, 64.4610, 15.7010

# Conversions

## Conversions Part 2

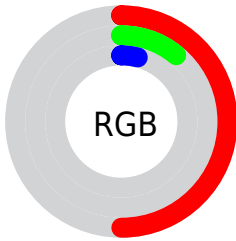
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 31, 11
Decimal	8330251
CIE Lab	27.75, 41.21, 35.46
CIE LCh	28, 54.367, 40.717
Yxy	5.3667, 0.5969, 0.3471
Android (android.graphics.Color)	4286520331 (0xFF7F1C0B)
YUV	55.6630, -22.0189, 62.5625
Hunter-Lab	23.1661, 30.5634, 13.9996

# Details

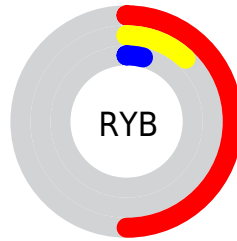
The Hex color **7F1C0B** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0B6E7F**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **BB5138**, and **450000** is the 20% darker color. If you saturate the color by 10%, you get **7F1300**, and if you desaturate by 10%, it is **7F2718**.

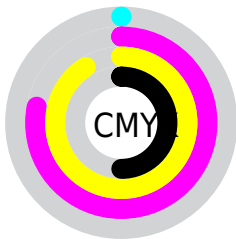
# Distribution



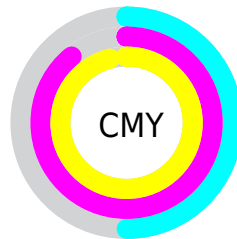
- Red (50%)
- Green (11%)
- Blue (4%)



- Red (50%)
- Yellow (12%)
- Blue (4%)



- Cyan (0%)
- Magenta (78%)
- Yellow (91%)
- Black (50%)



- Cyan (50%)
- Magenta (89%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F1C0B 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 7F1C0B by changing the saturation by 10% instead.



 7F1C0B

 7F1C0B

 FFFFEE

 620000

 BB5138

 450000

 D96A4F

 2C0001

 F88567

 000000

 FFA081

 FFBC9B

 FFD8B6

 FFF5D2

 7F1C0B

 7F1C0B

■ 7F1300

■ 7F2718

■ 7F3224

■ 7F3D31

■ 7F473E

■ 7F524B

■ 7F5D57

■ 7F6864

■ 7F7371

■ 7F7E7D

# Harmonies

## Analogous

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



880035



7F1C0B



673500

# Triad

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



7F1C0B



005124



004295

# Complementary

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



7F1C0B



0B6E7F

# 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.



004E91



7F1C0B



005350

# Square

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



7F1C0B



0C4D00



005278



532D82

# Rectangle

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



7F1C0B



504000



005278



004796



# Sweetspot

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



7F1C0B



A68079



7F0B70



543D39



D4D4D4



545454



# Same Dimension

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



7F1C0B



A61800



7F540B



403A39



801300



000000



# Inverse Universe

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



0B6E7F



008DA6



0B367F



393F40



006D80



000000



# Previews

## White Background



This preview shows how the Hex color 7F1C0B looks on a white background.

## Color Contrast Check

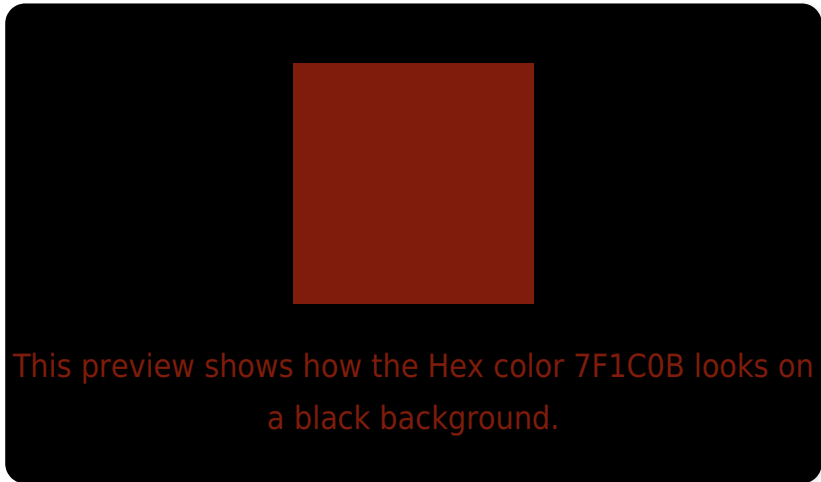
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F1C0B Background



This preview shows how black text looks on a background with the Hex color 7F1C0B.



This preview shows how white text looks on a background with the Hex color 7F1C0B.

# 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**  
7F1C0B

**Protanopia**  
4B4314

**Deuteranopia**  
554000



**Tritanopia**  
7F1A1B

# Trichromacy



**Original Color**  
7F1C0B

**Protanomaly**  
5E3511

**Deuteranomaly**  
643304

**Tritanomaly**  
7F1B15

# Monochromacy



**Original Color**  
7F1C0B

**Achromatopsia**  
383838

**Achromatomaly**  
522E28

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F1C0B 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 #7F1C0B looks like.

```
.text, #text, p{  
    color:#7F1C0B  
}
```

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 #7F1C0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F1C0B
}
```

## Border

The CSS property to change the border of an element to Hex 7F1C0B is called "border". The border property can be set on classes, ids or directly on the HTML element.

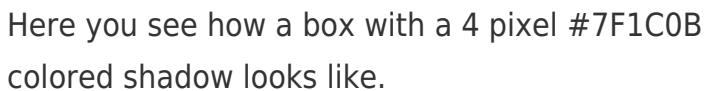
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F1C0B }
```

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

```
.border{ border-color:#7F1C0B }
```

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



Here you see how a box with a 4 pixel #7F1C0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F1C0B; -webkit-box-shadow:4px 4px  
4px 4px #7F1C0B; box-shadow:4px 4px 4px  
4px #7F1C0B }
```

# Background

The CSS property to change the background color of an element to Hex 7F1C0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F1C0B }
```

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

```
.background{ background-color:#7F1C0B }
```

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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