

# Converting Colors

Hex(7A001B)

Have a look what the booklet for  
Hex(7A001B) contains.

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**Color**

**Hex(7A001B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A001B
RGB	122, 0, 27
RGB Percent	48%, 0%, 11%
CMY	0.5216, 1.0000, 0.8941
CMYK	0.00, 1.00, 0.78, 0.52
HSL	347°, 100%, 24%
HSV	347°, 100%, 48%
XYZ	8.2239, 4.2167, 1.4174
YIQ	39.5560, 64.0450, 34.2610

# Conversions

## Conversions Part 2

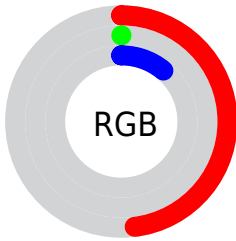
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 0, 27
Decimal	7995419
CIE <sub>Lab</sub>	24.38, 47.12, 22.56
CIE <sub>LCh</sub>	24, 52.241, 25.591
Yxy	4.2167, 0.5934, 0.3043
Android (android.graphics.Color)	4286185499 (0xFF7A001B)
YUV	39.5560, -6.1901, 72.3034
Hunter-Lab	20.5346, 35.5515, 10.2818

# Details

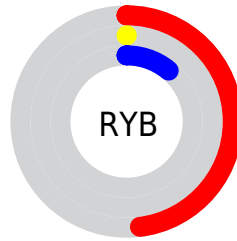
The Hex color **7A001B** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **007A5F**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **B54146**, and **410000** is the 20% darker color. If you saturate the color by 10%, you get **7A001B**, and if you desaturate by 10%, it is **7A0C25**.

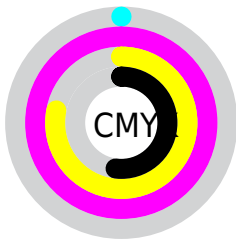
# Distribution



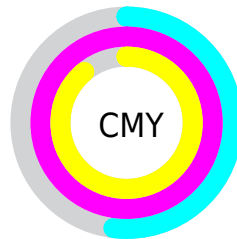
- Red (48%)
- Green (0%)
- Blue (11%)



- Red (48%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (78%)
- Black (52%)



- Cyan (52%)
- Magenta (100%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A001B 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 7A001B by changing the saturation by 10% instead.



 7A001B

 7A001B

FFFFFF

 5E0001

 B54146

 410000

 D35C5E

 250001

 F27776

 000000

 FF9290

 FFAEAB

 FFCAC6

 FFE7E2

 7A001B

 7A0C25

 7A182E

 7A2538

 7A3141

 7A3D4B

 7A4954

 7A555E

 7A6267

 7A6E71

# Harmonies

## Analogous

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



7A0042



7A001B



6A2300

# Triad

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



7A001B



004705



00418A

# Complementary

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



7A001B



007A5F

# 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.



00487B



7A001B



004933

# Square

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



7A001B



284100



004A5B



203282

# Rectangle

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



7A001B



573100



004A5B



004487



# Sweetspot

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



7A001B



9E6F79



5E007A



4F3339



CFCFCF



4F4F4F



# Same Dimension

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



7A001B



9E0023



7A2100



3D3738



7D001C



FC0038



# Inverse Universe

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



7A001B



9E0023



00597A



3D3738



7D001C

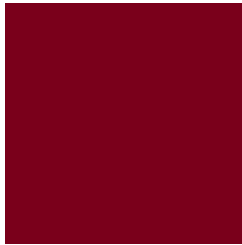


FC0038



# Previews

## White Background



This preview shows how the Hex color 7A001B looks on a white background.

## Color Contrast Check

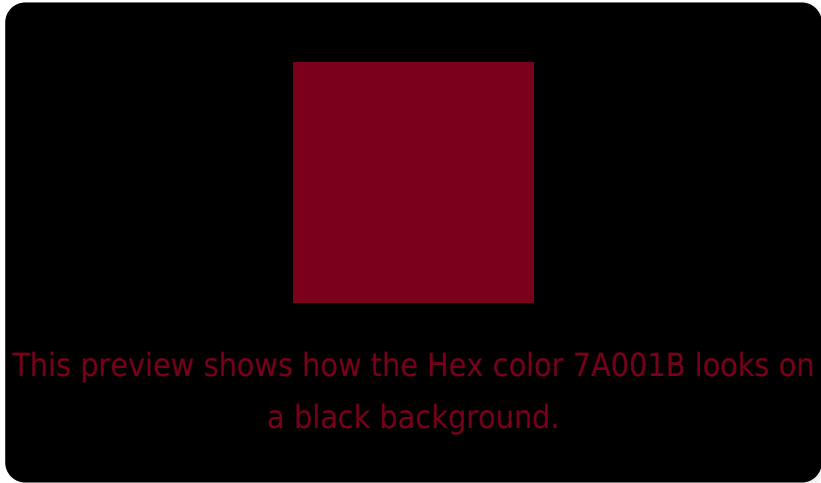
Large Text (above 18pt) WCAG AA ✓ Pass

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

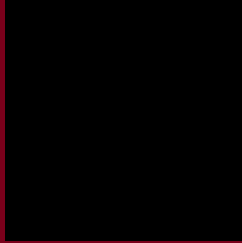
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7A001B Background



This preview shows how black text looks on a background with the Hex color 7A001B.



This preview shows how white text looks on a background with the Hex color 7A001B.

# 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**  
7A001B

**Protanopia**  
433E29

**Deuteranopia**  
4E3B13



# Trichromacy



**Original Color**  
7A001B

**Protanomaly**  
572724

**Deuteranomaly**  
5E2616

**Tritanomaly**  
7A070D

# Monochromacy



**Original Color**  
7A001B

**Achromatopsia**  
282828

**Achromatomaly**  
461923

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A001B 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 #7A001B looks like.

```
.text, #text, p{  
    color:#7A001B  
}
```

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 #7A001B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A001B
}
```

## Border

The CSS property to change the border of an element to Hex 7A001B is called "border". The border property can be set on classes, ids or directly on the HTML element.

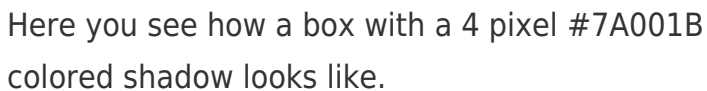
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A001B }
```

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

```
.border{ border-color:#7A001B }
```

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



Here you see how a box with a 4 pixel #7A001B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A001B; -webkit-box-shadow:4px 4px  
4px 4px #7A001B; box-shadow:4px 4px 4px  
4px #7A001B }
```

# Background

The CSS property to change the background color of an element to Hex 7A001B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A001B }
```

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

```
.background{ background-color:#7A001B }
```

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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