

# Converting Colors

Hex(7B000C)

Have a look what the booklet for  
Hex(7B000C) contains.

<b>Hex(7B000C)</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(7B000C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B000C
RGB	123, 0, 12
RGB Percent	48%, 0%, 5%
CMY	0.5176, 1.0000, 0.9529
CMYK	0.00, 1.00, 0.90, 0.52
HSL	354°, 100%, 24%
HSV	354°, 100%, 48%
XYZ	8.2347, 4.2375, 0.7317
YIQ	38.1450, 69.4560, 29.8080

# Conversions

## Conversions Part 2

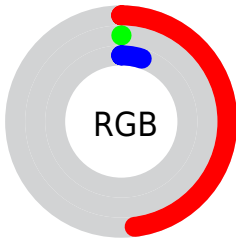
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 0, 12
Decimal	8060940
CIE Lab	24.44, 46.93, 31.67
CIE LCh	24, 56.617, 34.018
Yxy	4.2375, 0.6237, 0.3209
Android (android.graphics.Color)	4286251020 (0xFF7B000C)
YUV	38.1450, -12.8895, 74.4178
Hunter-Lab	20.5852, 35.3817, 12.3021

# Details

The Hex color **7B000C** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **007B6F**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **B74137**, and **410000** is the 20% darker color. If you saturate the color by 10%, you get **7B000C**, and if you desaturate by 10%, it is **7B0C17**.

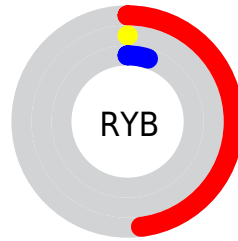
# Distribution



Red (48%)

Green (0%)

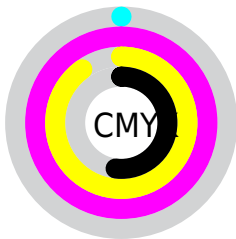
Blue (5%)



Red (48%)

Yellow (0%)

Blue (5%)

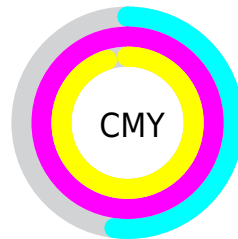


Cyan (0%)

Magenta (100%)

Yellow (90%)

Black (52%)



Cyan (52%)

Magenta (100%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B000C 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 7B000C by changing the saturation by 10% instead.



 7B000C

 7B000C

 FFFFED

 5E0000

 B74137

 410000

 D55C4E

 250001

 F47766

 000000

 FF9280

 FFAD9A

 FFCAB5

 FFE6D0

 7B000C

 7B0C17

 7B1922

 7B252D

 7B3138

 7B3E44

 7B4A4F

 7B565A

 7B6265

 7B6F70

# Harmonies

## Analogous

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



810036



7B000C



652800

# Triad

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



7B000C



004910



003F91

# Complementary

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



7B000C



007B6F

# 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.



004888



7B000C



004B3F

# Square

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



7B000C



134400



004B69



3A2B82

# Rectangle

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



7B000C



4F3600



004B69



004391



# Sweetspot

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



7B000C



A17075



6F007B



523437



D1D1D1



525252



# Same Dimension

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



7B000C



A10010



7B3100



3D3738



7D000C



FC0019



# Inverse Universe

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



7B000C



A10010



004A7B



3D3738



7D000C



FC0019



# Previews

## White Background



This preview shows how the Hex color 7B000C looks on a white background.

## Color Contrast Check

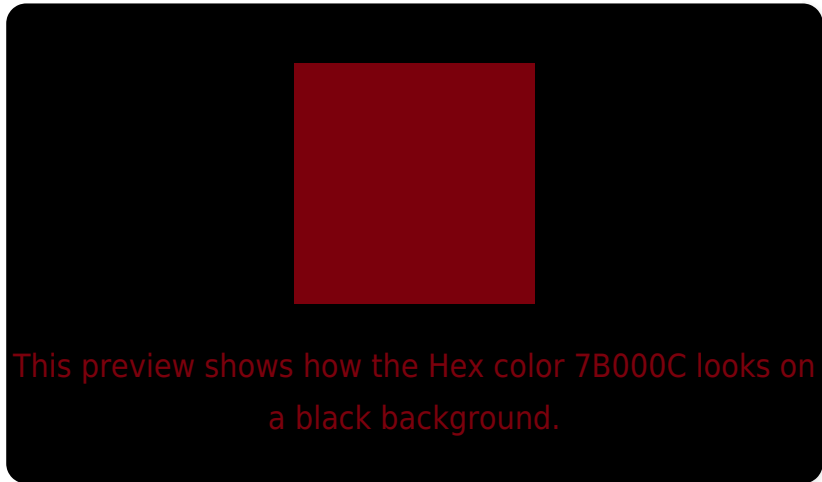
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B000C Background



This preview shows how black text looks on a background with the Hex color 7B000C.



This preview shows how white text looks on a background with the Hex color 7B000C.

# 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](#).

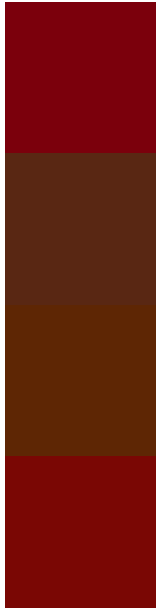
## Dichromacy





**Tritanopia**  
7A0B00

# Trichromacy



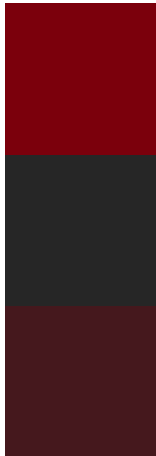
**Original Color**  
7B000C

**Protanomaly**  
592713

**Deuteranomaly**  
5E2604

**Tritanomaly**  
7A0704

# Monochromacy



**Original Color**  
7B000C

**Achromatopsia**  
262626

**Achromatomaly**  
45181D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B000C 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 #7B000C looks like.

```
.text, #text, p{  
    color:#7B000C  
}
```

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 #7B000C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B000C
}
```

## Border

The CSS property to change the border of an element to Hex 7B000C is called "border". The border property can be set on classes, ids or directly on the HTML element.

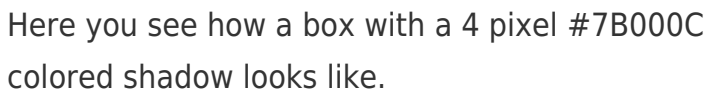
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B000C }
```

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

```
.border{ border-color:#7B000C }
```

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



Here you see how a box with a 4 pixel #7B000C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B000C; -webkit-box-shadow:4px 4px  
4px 4px #7B000C; box-shadow:4px 4px 4px  
4px #7B000C }
```

# Background

The CSS property to change the background color of an element to Hex 7B000C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B000C }
```

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

```
.background{ background-color:#7B000C }
```

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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