

# Converting Colors

Hex(7A0B18)

Have a look what the booklet for  
Hex(7A0B18) contains.

<b>Hex(7A0B18)</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(7A0B18)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A0B18
RGB	122, 11, 24
RGB Percent	48%, 4%, 9%
CMY	0.5216, 0.9569, 0.9059
CMYK	0.00, 0.91, 0.80, 0.52
HSL	353°, 83%, 26%
HSV	353°, 91%, 48%
XYZ	8.3106, 4.4429, 1.2837
YIQ	45.6710, 61.9830, 27.5750

# Conversions

## Conversions Part 2

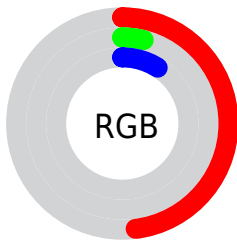
Format	Color
<b>R<sub>YB</sub></b>	122, 11, 24
Decimal	7998232
CIE <sub>Lab</sub>	25.08, 44.83, 25.32
CIE <sub>LCh</sub>	25, 51.487, 29.452
Yxy	4.4429, 0.5920, 0.3165
Android (android.graphics.Color)	4286188312 (0xFF7A0B18)
YUV	45.6710, -10.6838, 66.9405
Hunter-Lab	21.0781, 33.4915, 11.1438

# Details

The Hex color **7A0B18** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0B7A6D**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **B54643**, and **410000** is the 20% darker color. If you saturate the color by 10%, you get **7A000E**, and if you desaturate by 10%, it is **7A1723**.

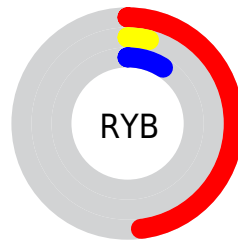
# Distribution



Red (48%)

Green (4%)

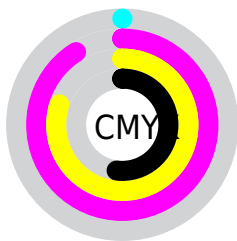
Blue (9%)



Red (48%)

Yellow (4%)

Blue (9%)

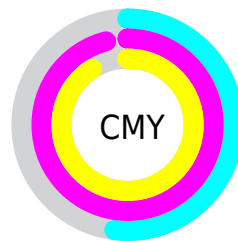


Cyan (0%)

Magenta (91%)

Yellow (80%)

Black (52%)



Cyan (52%)

Magenta (96%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A0B18 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 7A0B18 by changing the saturation by 10% instead.



 7A0B18

 7A0B18

 FFFFFB

 5E0000

 B54643

 410000

 D3605B

 250001

 F27B73

 000000

 FF968D

 FFB1A7

 FFCEC2

 FFEBDE

 7A0B18

 7A0B18

■ 7A000E

■ 7A1723

■ 7A232E

■ 7A3038

■ 7A3C43

■ 7A484E

■ 7A5459

■ 7A6063

■ 7A6D6E

■ 7A7979

# Harmonies

## Analogous

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



7C003E



7A0B18



682800

# Triad

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



7A0B18



00490F



00418B

# Complementary

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



7A0B18



0B7A6D

# 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.



00497F



7A0B18



004B3A

# Square

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



7A0B18



244400



004C61



313180

# Rectangle

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



7A0B18



553500



004C61



004589



# Sweetspot

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



7A0B18



9E7378



6B0B7A



4F3639



CFCFCF



4F4F4F



# Same Dimension

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



7A0B18



9E0013



7A340B



3D3738



7D000F



FC001E



# Inverse Universe

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



7A0B18



9E0013



0B517A



3D3738



7D000F



FC001E



# Previews

## White Background



This preview shows how the Hex color 7A0B18 looks on a white background.

## Color Contrast Check

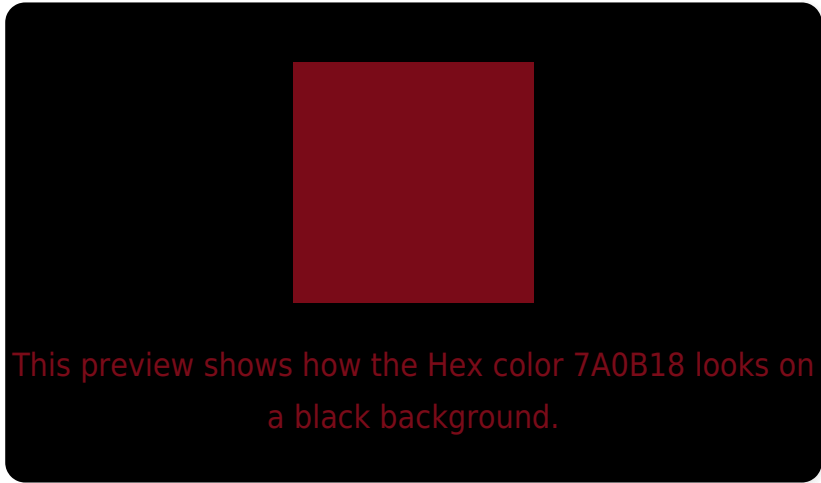
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A0B18 Background



This preview shows how black text looks on a background with the Hex color 7A0B18.



This preview shows how white text looks on a background with the Hex color 7A0B18.

# 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**  
7A0B18

**Protanopia**  
443E25

**Deuteranopia**  
4E3B0F



**Tritanopia**  
7A0E0B

# Trichromacy



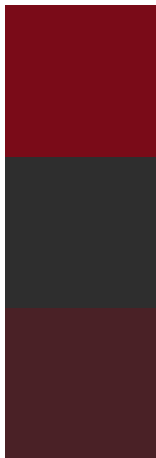
**Original Color**  
7A0B18

**Protanomaly**  
582B20

**Deuteranomaly**  
5E2A12

**Tritanomaly**  
7A0D10

# Monochromacy



**Original Color**  
7A0B18

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
4A2126

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A0B18 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 #7A0B18 looks like.

```
.text, #text, p{  
  color:#7A0B18  
}
```

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 #7A0B18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A0B18
}
```

## Border

The CSS property to change the border of an element to Hex 7A0B18 is called "border". The border property can be set on classes, ids or directly on the HTML element.

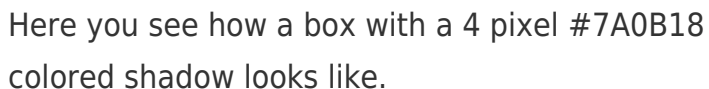
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7A0B18 }
```

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

```
.border{ border-color:#7A0B18 }
```

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



Here you see how a box with a 4 pixel #7A0B18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A0B18; -webkit-box-shadow:4px 4px  
4px 4px #7A0B18; box-shadow:4px 4px 4px  
4px #7A0B18 }
```

# Background

The CSS property to change the background color of an element to Hex 7A0B18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A0B18 }
```

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

```
.background{ background-color:#7A0B18 }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor