

# Converting Colors

Hex(7C0B12)

Have a look what the booklet for  
Hex(7C0B12) contains.

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# Color

**Hex(7C0B12)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C0B12
RGB	124, 11, 18
RGB Percent	49%, 4%, 7%
CMY	0.5137, 0.9569, 0.9294
CMYK	0.00, 0.91, 0.85, 0.51
HSL	356°, 84%, 26%
HSV	356°, 91%, 49%
XYZ	8.5410, 4.5681, 1.0038
YIQ	45.5850, 65.1010, 26.1330

# Conversions

## Conversions Part 2

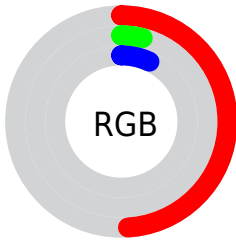
Format	Color
<a href="#">RYB</a>	<a href="#">124, 11, 18</a>
Decimal	<a href="#">8129298</a>
CIELab	<a href="#">25.47, 45.22, 29.56</a>
CIElCh	<a href="#">25, 54.021, 33.172</a>
Yxy	<a href="#">4.5681, 0.6052, 0.3237</a>
Android (android.graphics.Color)	<a href="#">4286319378</a> (0xFF7C0B12)
YUV	<a href="#">45.5850, -13.5994, 68.7700</a>
Hunter-Lab	<a href="#">21.3731, 33.9284, 12.1765</a>

# Details

The Hex color **7C0B12** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0B7C75**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **B7463D**, and **420000** is the 20% darker color. If you saturate the color by 10%, you get **7C0008**, and if you desaturate by 10%, it is **7C171E**.

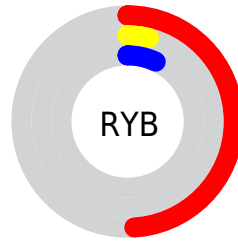
# Distribution



Red (49%)

Green (4%)

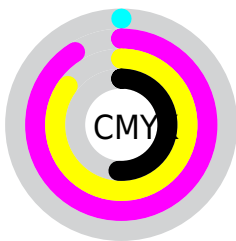
Blue (7%)



Red (49%)

Yellow (4%)

Blue (7%)

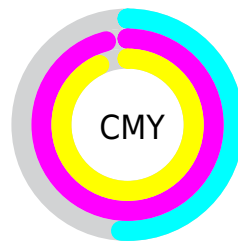


Cyan (0%)

Magenta (91%)

Yellow (85%)

Black (51%)



Cyan (51%)

Magenta (96%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C0B12 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 7C0B12 by changing the saturation by 10% instead.



 7C0B12

 7C0B12

 FFFFF4

 5F0000

 B7463D

 420000

 D66154

 270001

 F57B6D

 000000

 FF9686

 FFB2A0

 FFCEBB

 FFEBD7

 7C0B12

 7C0B12

■ 7C0008

■ 7C171E

■ 7C2429

■ 7C3035

■ 7C3D41

■ 7C494C

■ 7C5558

■ 7C6263

■ 7C6E6F

■ 7C7B7B

# Harmonies

## Analogous

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



81003A



7C0B12



672B00

# Triad

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



7C0B12



004B13



004190

# Complementary

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



7C0B12



0B7C75

# 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.



004A86



7C0B12



004D40

# Square

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



7C0B12



1C4600



004D69



3C2F82

# Rectangle

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



7C0B12



533800



004D69



00458F



# Sweetspot

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



7C0B12



A17578



740B7C



523739



D1D1D1



525252



# Same Dimension

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



7C0B12



A1000A



7C3C0B



3D3737



7D0008



FC0010



# Inverse Universe

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



7C0B12



A1000A



0B4B7C



3D3737



7D0008



FC0010



# Previews

## White Background



This preview shows how the Hex color 7C0B12 looks on a white background.

## Color Contrast Check

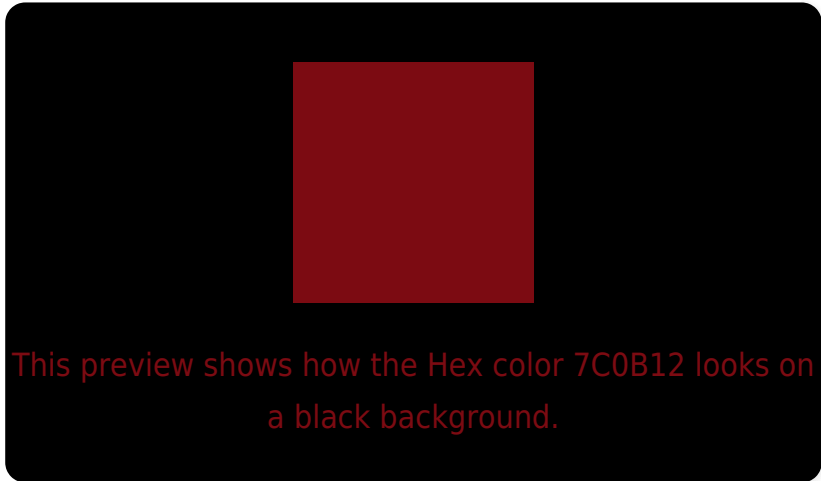
Large Text (above 18pt) WCAG AA ✓ Pass

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 7C0B12 Background



This preview shows how black text looks on a background with the Hex color 7C0B12.

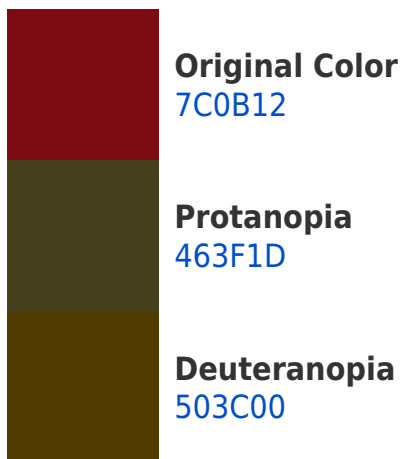


This preview shows how white text looks on a background with the Hex color 7C0B12.

# Color Blindness Simulation

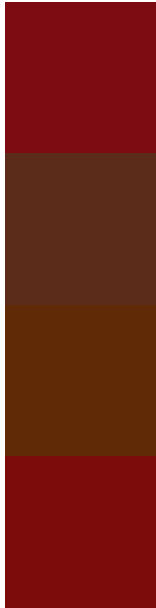
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



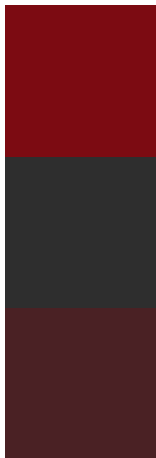
**Original Color**  
7C0B12

**Protanomaly**  
5A2C19

**Deuteranomaly**  
602A07

**Tritanomaly**  
7C0C0C

# Monochromacy



**Original Color**  
7C0B12

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
4A2124

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C0B12 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 #7C0B12 looks like.

```
.text, #text, p{  
    color:#7C0B12  
}
```

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 #7C0B12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C0B12
}
```

## Border

The CSS property to change the border of an element to Hex 7C0B12 is called "border". The border property can be set on classes, ids or directly on the HTML element.

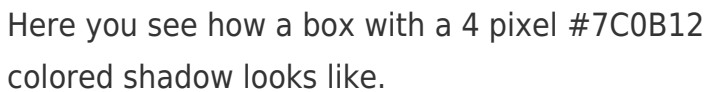
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7C0B12 }
```

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

```
.border{ border-color:#7C0B12 }
```

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



Here you see how a box with a 4 pixel #7C0B12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C0B12; -webkit-box-shadow:4px 4px  
4px 4px #7C0B12; box-shadow:4px 4px 4px  
4px #7C0B12 }
```

# Background

The CSS property to change the background color of an element to Hex 7C0B12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C0B12 }
```

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

```
.background{ background-color:#7C0B12 }
```

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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