

Converting Colors

Hex(7D0C00)

Have a look what the booklet for
Hex(7D0C00) contains.

Hex(7D0C00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7D0C00)

Conversions

Conversions Part 1

Format	Color
Hex	7D0C00
RGB	125, 12, 0
RGB Percent	49%, 5%, 0%
CMY	0.5098, 0.9529, 1.0000
CMYK	0.00, 0.90, 1.00, 0.51
HSL	6°, 100%, 25%
HSV	6°, 100%, 49%
XYZ	8.5889, 4.6229, 0.4396
YIQ	44.4190, 71.2000, 20.2240

Conversions

Conversions Part 2

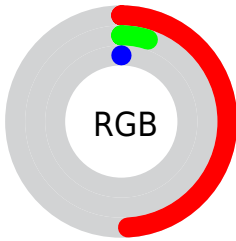
Format	Color
RYB	125, 13, 0
Decimal	8195072
CIELab	25.63, 44.92, 37.91
CIELCh	26, 58.779, 40.157
Yxy	4.6229, 0.6292, 0.3386
Android (android.graphics.Color)	4286385152 (0xFF7D0C00)
YUV	44.4190, -21.8986, 70.6695
Hunter-Lab	21.5010, 33.6781, 13.8384

Details

The Hex color **7D0C00** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **00717D**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **B9472F**, and **430000** is the 20% darker color. If you saturate the color by 10%, you get **7D0C00**, and if you desaturate by 10%, it is **7D170C**.

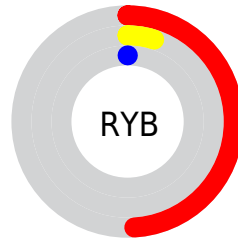
Distribution



Red (49%)

Green (5%)

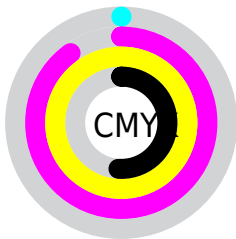
Blue (0%)



Red (49%)

Yellow (5%)

Blue (0%)

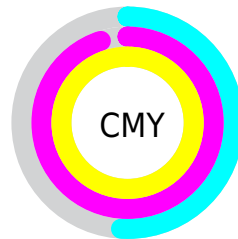


Cyan (0%)

Magenta (90%)

Yellow (100%)

Black (51%)



Cyan (51%)

Magenta (95%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D0C00 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 7D0C00 by changing the saturation by 10% instead.

 7D0C00

 7D0C00

 FFFFE3

 5F0000

 B9472F

 430000

 D86146

 270001

 F77B5E

 000000

 FF9777

 FF291

 FFCEAC

 FFEBC7

 7D0C00

 7D170C

 7D2319

 7D2E26

 7D3932

 7D453F

 7D504B

 7D5B57

 7D6664

 7D7271

Harmonies

Analogous

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



870030



7D0C00



632F00

Triad

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



7D0C00



004D1C



003E96

Complementary

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



7D0C00



00717D

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.



004A92



7D0C00



004E4B

Square

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



7D0C00



004900



004E76



4D2782

Rectangle

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



7D0C00



4B3B00



004E76



004398

Sweetspot

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



7D0C00



A37772



7D0073



523734



D1D1D1



525252

Same Dimension

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



7D0C00



A31000



7D4900



403A39



800C00



000000

Inverse Universe

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



00717D



0094A3



00347D



393F40



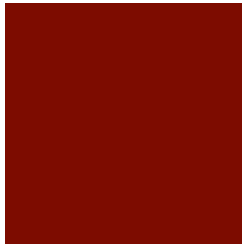
007380



000000

Previews

White Background



This preview shows how the Hex color 7D0C00 looks on a white background.

Color Contrast Check

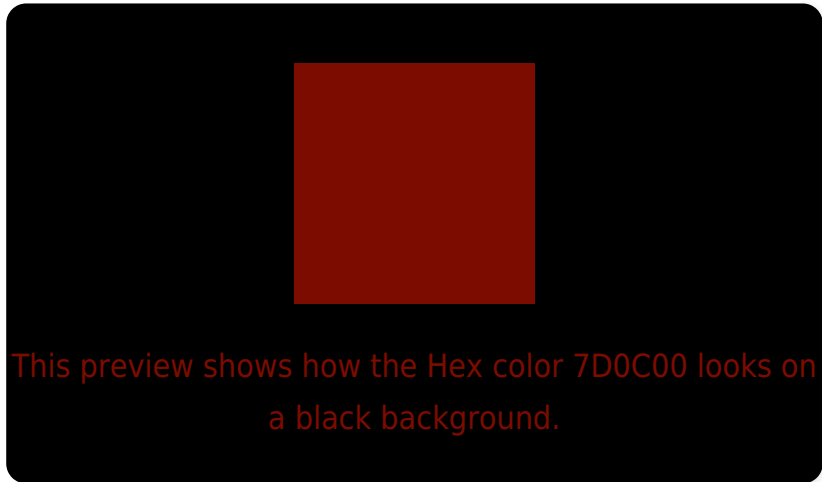
Large Text (above 18pt) WCAG AA ✓ Pass

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

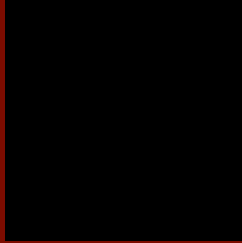
Any Text WCAG AA × Fail

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 7D0C00 Background



This preview shows how black text looks on a background with the Hex color 7D0C00.



This preview shows how white text looks on a background with the Hex color 7D0C00.

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

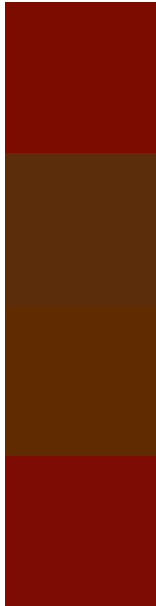


Original Color
7D0C00

Protanopia
474010

Deuteranopia
503C00

Trichromacy



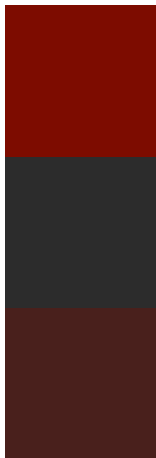
Original Color
7D0C00

Protanomaly
5B2D0A

Deuteranomaly
602B00

Tritanomaly
7D0C04

Monochromacy



Original Color
7D0C00

Achromatopsia
2C2C2C

Achromatomaly
49201C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D0C00 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 #7D0C00 looks like.

```
.text, #text, p{  
    color:#7D0C00  
}
```

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 #7D0C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D0C00
}
```

Border

The CSS property to change the border of an element to Hex 7D0C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

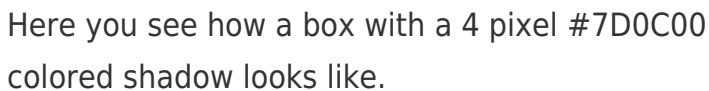
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D0C00 }
```

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

```
.border{ border-color:#7D0C00 }
```

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



Here you see how a box with a 4 pixel #7D0C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D0C00; -webkit-box-shadow:4px 4px  
4px 4px #7D0C00; box-shadow:4px 4px 4px  
4px #7D0C00 }
```

Background

The CSS property to change the background color of an element to Hex 7D0C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D0C00 }
```

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

```
.background{ background-color:#7D0C00 }
```

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