

Converting Colors

Hex(7B280D)

Have a look what the booklet for
Hex(7B280D) contains.

Hex(7B280D)	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(7B280D)

Conversions

Conversions Part 1

Format	Color
Hex	7B280D
RGB	123, 40, 13
RGB Percent	48%, 16%, 5%
CMY	0.5176, 0.8431, 0.9490
CMYK	0.00, 0.67, 0.89, 0.52
HSL	15°, 81%, 27%
HSV	15°, 89%, 48%
XYZ	8.9998, 5.7576, 1.0178
YIQ	61.7390, 58.1350, 9.1990

Conversions

Conversions Part 2

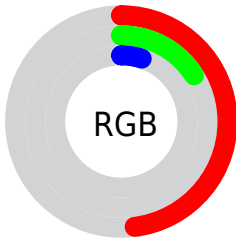
Format	Color
R_{YB}	123, 49, 13
Decimal	8071181
CIE _{Lab}	28.79, 34.82, 35.10
CIE _{LCh}	29, 49.443, 45.225
Yxy	5.7576, 0.5705, 0.3650
Android (android.graphics.Color)	4286261261 (0xFF7B280D)
YUV	61.7390, -24.0283, 53.7259
Hunter-Lab	23.9950, 24.9589, 14.2817

Details

The Hex color **7B280D** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0D607B**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **B65A3A**, and **420000** is the 20% darker color. If you saturate the color by 10%, you get **7B1F01**, and if you desaturate by 10%, it is **7B3119**.

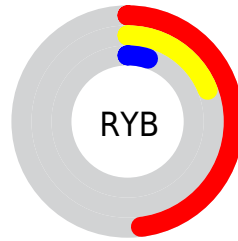
Distribution



Red (48%)

Green (16%)

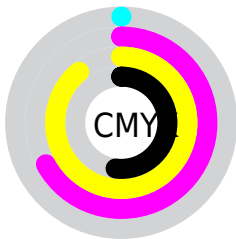
Blue (5%)



Red (48%)

Yellow (19%)

Blue (5%)

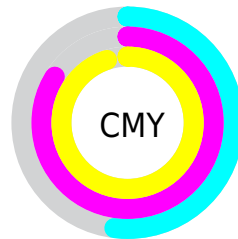


Cyan (0%)

Magenta (67%)

Yellow (89%)

Black (52%)



Cyan (52%)

Magenta (84%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B280D 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 7B280D by changing the saturation by 10% instead.

 7B280D

 7B280D

 FFFFF2

 5F0D00

 B65A3A

 420000

 D47352

 2A0001

 F28D6A

 000000

 FFA884

 FFC49E

 FFE0B9

 FFFDD5

 7B280D

 7B280D

■ 7B1F01

■ 7B3119

■ 7B1E00

■ 7B3B26

■ 7B4432

■ 7B4D3E

■ 7B564B

■ 7B6057

■ 7B6963

■ 7B726F

■ 7B7C7C

Harmonies

Analogous

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



861332



7B280D



633B00

Triad

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



7B280D



00532F



00428E

Complementary

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



7B280D



0D607B

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.



004E8E



7B280D



005457

Square

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



7B280D



0B5003



00537A



5D2F7A

Rectangle

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



7B280D



4E4400



00537A



004791

Sweetspot

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



7B280D



A18075



7B0D61



523E37



D1D1D1



525252

Same Dimension

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



7B280D



A12700



7B5E0D



3D3937



7D1F00



FC3E00

Inverse Universe

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



0D607B



0079A1



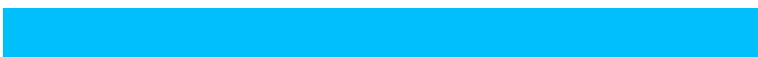
0D2A7B



373C3D



005E7D



00BEFC

Previews

White Background



This preview shows how the Hex color 7B280D looks on a white background.

Color Contrast Check

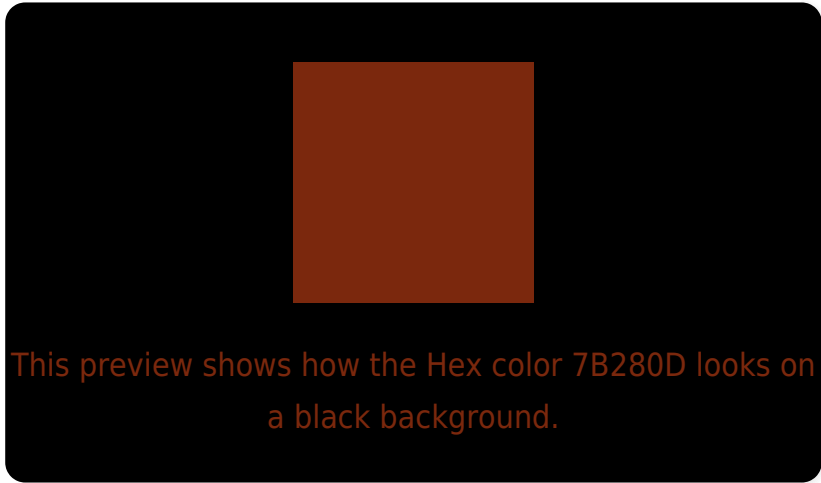
Large Text (above 18pt) WCAG AA ✓ Pass

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

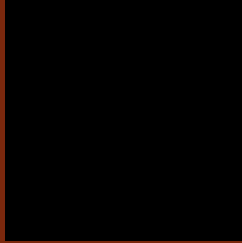
Any Text WCAG AA × Fail

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 7B280D Background



This preview shows how black text looks on a background with the Hex color 7B280D.



This preview shows how white text looks on a background with the Hex color 7B280D.

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
7B280D

Protanopia
4E4514

Deuteranopia
574200

Trichromacy



Original Color
7B280D

Protanomaly
5E3A11

Deuteranomaly
643905

Tritanomaly
7C261E

Monochromacy



Original Color
7B280D

Achromatopsia
3E3E3E

Achromatomaly
54362C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B280D 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 #7B280D looks like.

```
.text, #text, p{  
    color:#7B280D  
}
```

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 #7B280D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B280D }  
}
```

Border

The CSS property to change the border of an element to Hex 7B280D is called "border". The border property can be set on classes, ids or directly on the HTML element.

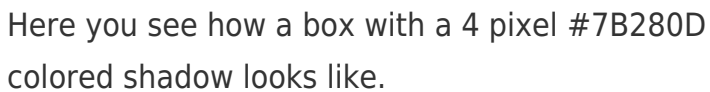
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #7B280D }  
}
```

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

```
.border{ border-color:#7B280D }
```

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



Here you see how a box with a 4 pixel #7B280D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B280D; -webkit-box-shadow:4px 4px  
4px 4px #7B280D; box-shadow:4px 4px 4px  
4px #7B280D }
```

Background

The CSS property to change the background color of an element to Hex 7B280D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B280D }
```

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

```
.background{ background-color:#7B280D }
```

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