

Converting Colors

Hex(7B180A)

Have a look what the booklet for
Hex(7B180A) contains.

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Color

Hex(7B180A)

Conversions

Conversions Part 1

Format	Color
Hex	7B180A
RGB	123, 24, 10
RGB Percent	48%, 9%, 4%
CMY	0.5176, 0.9059, 0.9608
CMYK	0.00, 0.80, 0.92, 0.52
HSL	7°, 85%, 26%
HSV	7°, 92%, 48%
XYZ	8.5498, 4.8861, 0.7797
YIQ	52.0050, 63.4980, 16.6340

Conversions

Conversions Part 2

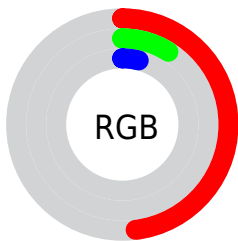
Format	Color
R_{YB}	123, 26, 10
Decimal	8067082
CIE _{Lab}	26.41, 41.24, 34.38
CIE _{LCh}	26, 53.690, 39.816
Yxy	4.8861, 0.6014, 0.3437
Android (android.graphics.Color)	4286257162 (0xFF7B180A)
YUV	52.0050, -20.7085, 62.2626
Hunter-Lab	22.1046, 30.3586, 13.3820

Details

The Hex color **7B180A** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0A6D7B**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **B64D36**, and **410000** is the 20% darker color. If you saturate the color by 10%, you get **7B0F00**, and if you desaturate by 10%, it is **7B2316**.

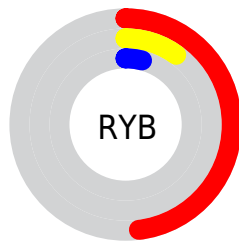
Distribution



Red (48%)

Green (9%)

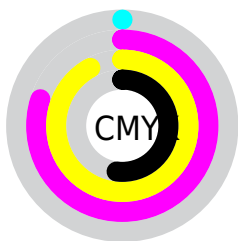
Blue (4%)



Red (48%)

Yellow (10%)

Blue (4%)

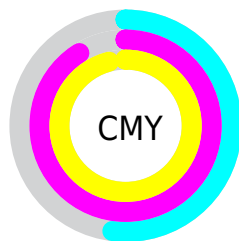


Cyan (0%)

Magenta (80%)

Yellow (92%)

Black (52%)



Cyan (52%)

Magenta (91%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B180A 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 7B180A by changing the saturation by 10% instead.

 7B180A

 7B180A

 FFFFEC

 5E0000

 B64D36

 410000

 D5674E

 270001

 F38166

 000000

 FF9C7F

 FFB899

 FFD4B4

 FFF1D0

 7B180A

 7B180A

■ 7B0F00

■ 7B2316

■ 7B2E23

■ 7B382F

■ 7B433B

■ 7B4E48

■ 7B5954

■ 7B6360

■ 7B6E6C

■ 7B7979

Harmonies

Analogous

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



840033



7B180A



633200

Triad

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



7B180A



004E20



004090

Complementary

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



7B180A



0A6D7B

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.



004B8C



7B180A



004F4B

Square

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



7B180A



0D4A00



004F73



4E2B7E

Rectangle

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



7B180A



4E3D00



004F73



004492

Sweetspot

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



7B180A



A17974



7B0A6E



523936



D1D1D1



525252

Same Dimension

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



7B180A



A11400



7B500A



3D3837



7D0F00



FC1F00

Inverse Universe

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



0A6D7B



008DA1



0A357B



373C3D



006D7D



00DDFC

Previews

White Background



This preview shows how the Hex color 7B180A looks on a white background.

Color Contrast Check

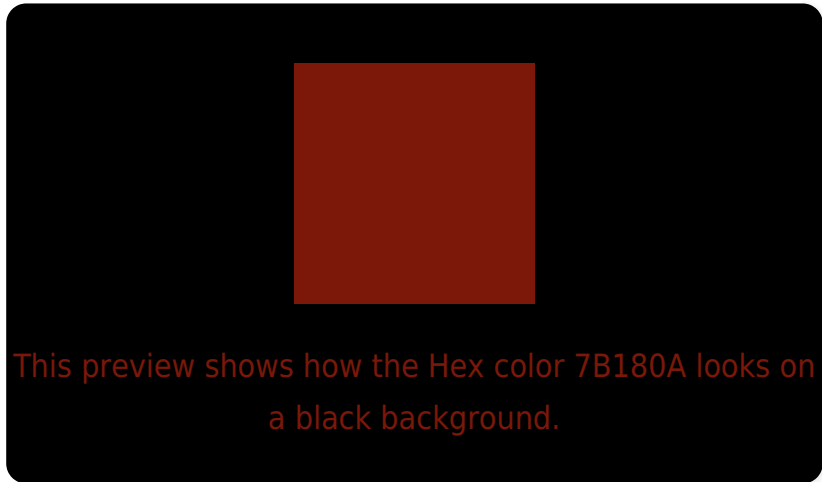
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B180A Background



This preview shows how black text looks on a background with the Hex color 7B180A.



This preview shows how white text looks on a background with the Hex color 7B180A.

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
7B180A

Protanopia
484113

Deuteranopia
513D00



Tritanopia
7B1716

Trichromacy



Original Color
7B180A

Protanomaly
5B3210

Deuteranomaly
603004

Tritanomaly
7B1712

Monochromacy



Original Color
7B180A

Achromatopsia
343434

Achromatomaly
4E2A25

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B180A 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 #7B180A looks like.

```
.text, #text, p{  
    color:#7B180A  
}
```

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 #7B180A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B180A
}
```

Border

The CSS property to change the border of an element to Hex 7B180A 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".

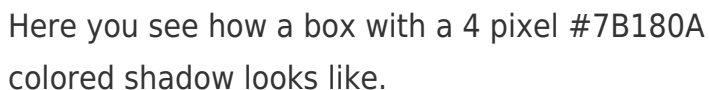
```
.border, #border, table{ border:4px solid
#7B180A }
```

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

```
.border{ border-color:#7B180A }
```

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

Here you see how a box with a 4 pixel #7B180A colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B180A; -webkit-box-shadow:4px 4px  
4px 4px #7B180A; box-shadow:4px 4px 4px  
4px #7B180A }
```

Background

The CSS property to change the background color of an element to Hex 7B180A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B180A }
```

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

```
.background{ background-color:#7B180A }
```

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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