

Converting Colors

Hex(7B0C1F)

Have a look what the booklet for
Hex(7B0C1F) contains.

Hex(7B0C1F)	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(7B0C1F)

Conversions

Conversions Part 1

Format	Color
Hex	7B0C1F
RGB	123, 12, 31
RGB Percent	48%, 5%, 12%
CMY	0.5176, 0.9529, 0.8784
CMYK	0.00, 0.90, 0.75, 0.52
HSL	350°, 82%, 26%
HSV	350°, 90%, 48%
XYZ	8.5472, 4.5728, 1.7285
YIQ	47.3550, 60.0570, 29.4410

Conversions

Conversions Part 2

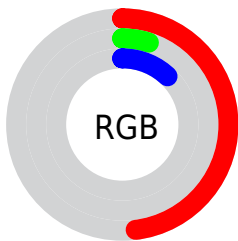
Format	Color
R_{YB}	123, 12, 31
Decimal	8064031
CIE _{Lab}	25.48, 45.21, 21.25
CIE _{LCh}	25, 49.957, 25.180
Yxy	4.5728, 0.5756, 0.3080
Android (android.graphics.Color)	4286254111 (0xFF7B0C1F)
YUV	47.3550, -8.0630, 66.3407
Hunter-Lab	21.3842, 33.9235, 10.1765

Details

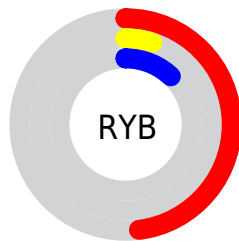
The Hex color **7B0C1F** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0C7B68**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **B6474B**, and **420000** is the 20% darker color. If you saturate the color by 10%, you get **7B0015**, and if you desaturate by 10%, it is **7B1829**.

Distribution



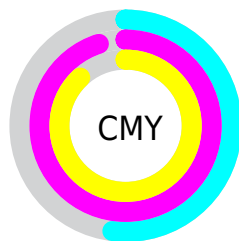
- Red (48%)
- Green (5%)
- Blue (12%)



- Red (48%)
- Yellow (5%)
- Blue (12%)



- Cyan (0%)
- Magenta (90%)
- Yellow (75%)
- Black (52%)



- Cyan (52%)
- Magenta (95%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B0C1F 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 7B0C1F by changing the saturation by 10% instead.

 7B0C1F

 7B0C1F

FFFFFF

 5F0008

 B6474B

 420000

 D46163

 270001

 F27C7B

 000000

 FF9795

 FFB3B0

 FFCFCB

 FFECE7

 7B0C1F

 7B0C1F

■ 7B0015

■ 7B1829

■ 7B2533

■ 7B313E

■ 7B3D48

■ 7B4952

■ 7B565C

■ 7B6266

■ 7B6E71

■ 7B7B7B

Harmonies

Analogous

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



7A0144



7B0C1F



6B2700

Triad

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



7B0C1F



00490B



004389

Complementary

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



7B0C1F



0C7B68

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.



004A7B



7B0C1F



004C35

Square

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



7B0C1F



2D4400



004C5C



263582

Rectangle

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



7B0C1F



5A3400



004C5C



004686

Sweetspot

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



7B0C1F



A1757D



670C7B



52373C



D1D1D1



525252

Same Dimension

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



7B0C1F



A1001B



7B2F0C



3D3738



7D0015



FC002B

Inverse Universe

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



7B0C1F



A1001B



0C587B



3D3738



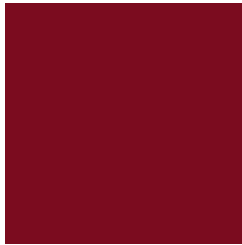
7D0015



FC002B

Previews

White Background



This preview shows how the Hex color 7B0C1F looks on a white background.

Color Contrast Check

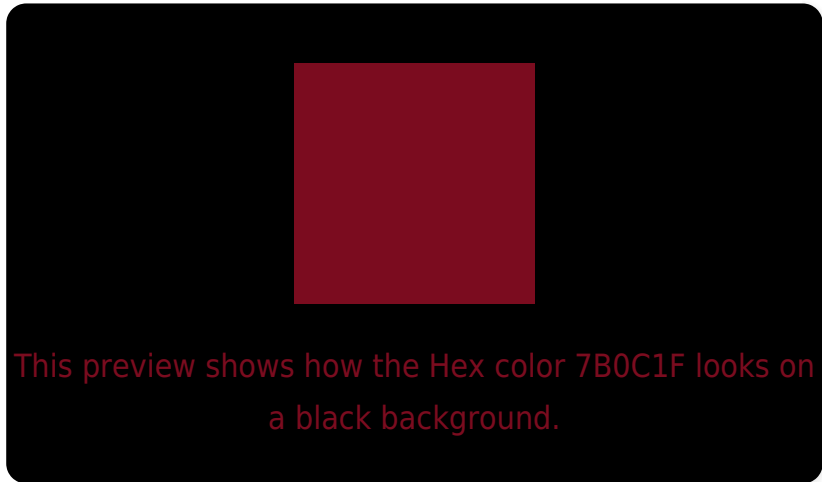
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B0C1F Background



This preview shows how black text looks on a background with the Hex color 7B0C1F.

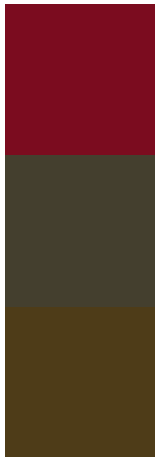


This preview shows how white text looks on a background with the Hex color 7B0C1F.

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
7B0C1F

Protanopia
443F2E

Deuteranopia
4E3C18

Trichromacy



Original Color
7B0C1F

Protanomaly
582C29

Deuteranomaly
5E2B1B

Tritanomaly
7B0F14

Monochromacy



Original Color
7B0C1F

Achromatopsia
2F2F2F

Achromatomaly
4B2229

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B0C1F 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 #7B0C1F looks like.

```
.text, #text, p{  
    color:#7B0C1F  
}
```

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 #7B0C1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B0C1F
}
```

Border

The CSS property to change the border of an element to Hex 7B0C1F 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
#7B0C1F }
```

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

```
.border{ border-color:#7B0C1F }
```

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

Here you see how a box with a 4 pixel #7B0C1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B0C1F; -webkit-box-shadow:4px 4px  
4px 4px #7B0C1F; box-shadow:4px 4px 4px  
4px #7B0C1F }
```

Background

The CSS property to change the background color of an element to Hex 7B0C1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B0C1F }
```

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

```
.background{ background-color:#7B0C1F }
```

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