

Converting Colors

Hex(7F0C1A)

Have a look what the booklet for
Hex(7F0C1A) contains.

Hex(7F0C1A)	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(7F0C1A)

Conversions

Conversions Part 1

Format	Color
Hex	7F0C1A
RGB	127, 12, 26
RGB Percent	50%, 5%, 10%
CMY	0.5020, 0.9529, 0.8980
CMYK	0.00, 0.91, 0.80, 0.50
HSL	353°, 83%, 27%
HSV	353°, 91%, 50%
XYZ	9.0703, 4.8496, 1.4353
YIQ	47.9810, 64.0460, 28.7340

Conversions

Conversions Part 2

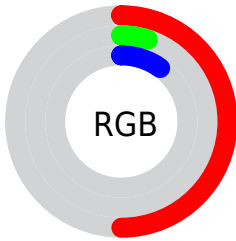
Format	Color
R_{YB}	127, 12, 26
Decimal	8326170
CIE _{Lab}	26.30, 46.15, 25.69
CIE _{LCh}	26, 52.821, 29.100
Yxy	4.8496, 0.5907, 0.3158
Android (android.graphics.Color)	4286516250 (0xFF7F0C1A)
YUV	47.9810, -10.8366, 69.2997
Hunter-Lab	22.0217, 34.9828, 11.5509

Details

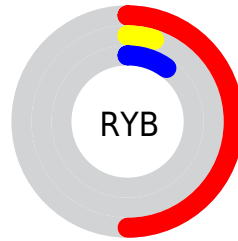
The Hex color **7F0C1A** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0C7F71**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **BA4845**, and **450000** is the 20% darker color. If you saturate the color by 10%, you get **7F000F**, and if you desaturate by 10%, it is **7F1925**.

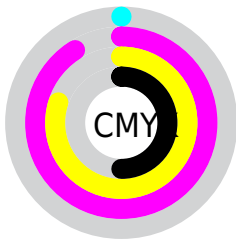
Distribution



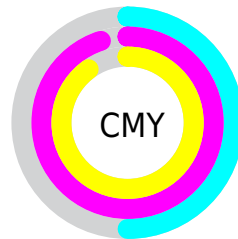
- Red (50%)
- Green (5%)
- Blue (10%)



- Red (50%)
- Yellow (5%)
- Blue (10%)



- Cyan (0%)
- Magenta (91%)
- Yellow (80%)
- Black (50%)



- Cyan (50%)
- Magenta (95%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F0C1A 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 7F0C1A by changing the saturation by 10% instead.

 7F0C1A

 7F0C1A

FFFFFFE

 620000

 BA4845

 450000

 D9625D

 2B0001

 F77D76

 000000

 FF988F

 FFB4AA

 FFD0C5

 FFEDE1

 7F0C1A

 7F0C1A

 7F000F

 7F1925

 7F2530

 7F323B

 7F3F47

 7F4C52

 7F585D

 7F6568

 7F7273

 7F7E7E

Harmonies

Analogous

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



810041



7F0C1A



6D2A00

Triad

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



7F0C1A



004C10



004490

Complementary

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



7F0C1A



0C7F71

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.



004C84



7F0C1A



004E3C

Square

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



7F0C1A



274700



004F65



333486

Rectangle

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



7F0C1A



593700



004F65



00488E

Sweetspot

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



7F0C1A



A6797E



700C7F



54393D



D4D4D4



545454

Same Dimension

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



7F0C1A



A60014



7F360C



40393A



800010



000000

Inverse Universe

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



7F0C1A



A60014



0C557F



40393A



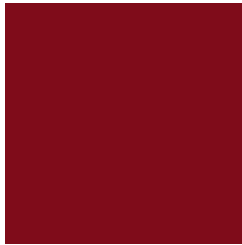
800010



000000

Previews

White Background



This preview shows how the Hex color 7F0C1A looks on a white background.

Color Contrast Check

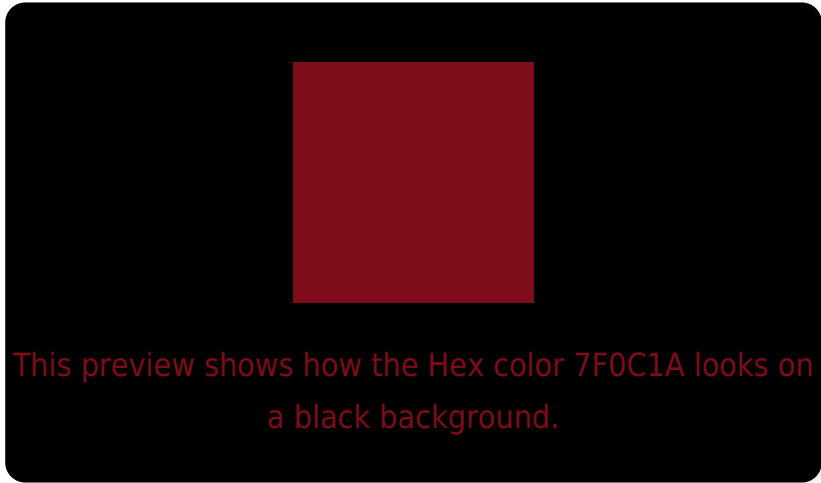
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F0C1A Background



This preview shows how black text looks on a background with the Hex color 7F0C1A.

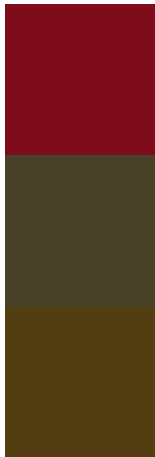


This preview shows how white text looks on a background with the Hex color 7F0C1A.

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
7F0C1A

Protanopia
474128

Deuteranopia
523E11

Trichromacy



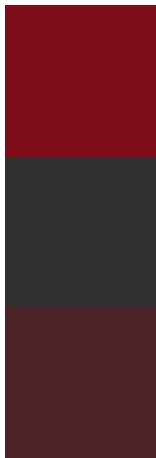
Original Color
7F0C1A

Protanomaly
5B2E23

Deuteranomaly
622C14

Tritanomaly
7F0E11

Monochromacy



Original Color
7F0C1A

Achromatopsia
303030

Achromatomaly
4D2328

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F0C1A 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 #7F0C1A looks like.

```
.text, #text, p{  
    color:#7F0C1A  
}
```

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 #7F0C1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F0C1A
}
```

Border

The CSS property to change the border of an element to Hex 7F0C1A 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".

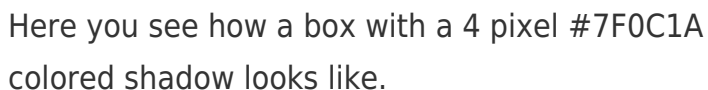
```
.border, #border, table{ border:4px solid
#7F0C1A }
```

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

```
.border{ border-color:#7F0C1A }
```

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

Here you see how a box with a 4 pixel #7F0C1A 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 #7F0C1A; -webkit-box-shadow:4px 4px  
4px 4px #7F0C1A; box-shadow:4px 4px 4px  
4px #7F0C1A }
```

Background

The CSS property to change the background color of an element to Hex 7F0C1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F0C1A }
```

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

```
.background{ background-color:#7F0C1A }
```

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