

Converting Colors

Hex(7F1B03)

Have a look what the booklet for
Hex(7F1B03) contains.

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Color

Hex(7F1B03)

Conversions

Conversions Part 1

Format	Color
Hex	7F1B03
RGB	127, 27, 3
RGB Percent	50%, 11%, 1%
CMY	0.5020, 0.8941, 0.9882
CMYK	0.00, 0.79, 0.98, 0.50
HSL	12°, 95%, 25%
HSV	12°, 98%, 50%
XYZ	9.1608, 5.3025, 0.6268
YIQ	54.1640, 67.3040, 13.7360

Conversions

Conversions Part 2

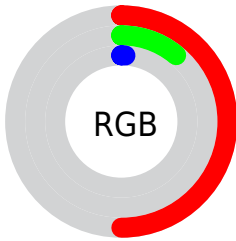
Format	Color
RYB	127, 33, 3
Decimal	8329987
CIELab	27.58, 41.40, 38.59
CIElCh	28, 56.595, 42.983
Yxy	5.3025, 0.6071, 0.3514
Android (android.graphics.Color)	4286520067 (0xFF7F1B03)
YUV	54.1640, -25.2239, 63.8772
Hunter-Lab	23.0271, 30.7145, 14.5051

Details

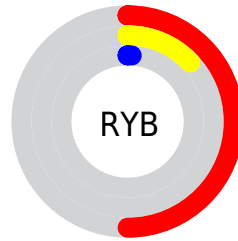
The Hex color **7F1B03** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **03677F**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **BB5031**, and **450000** is the 20% darker color. If you saturate the color by 10%, you get **7F1900**, and if you desaturate by 10%, it is **7F2510**.

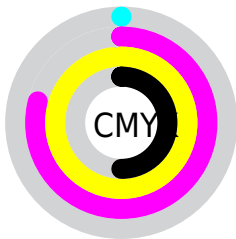
Distribution



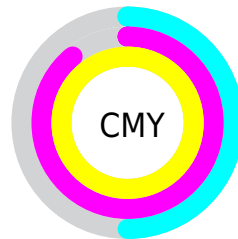
- Red (50%)
- Green (11%)
- Blue (1%)



- Red (50%)
- Yellow (13%)
- Blue (1%)



- Cyan (0%)
- Magenta (79%)
- Yellow (98%)
- Black (50%)



- Cyan (50%)
- Magenta (89%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F1B03 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 7F1B03 by changing the saturation by 10% instead.

 7F1B03

 7F1B03

 FFFFE7

 620000

 BB5031

 450000

 D96A49

 2B0001

 F88461

 000000

 FF9F7A

 FFBB95

 FFD7AF

 FFF4CB

 7F1B03

 7F1B03

■ 7F1900

■ 7F2510

■ 7F2F1C

■ 7F3A29

■ 7F4436

■ 7F4E42

■ 7F584F

■ 7F635C

■ 7F6D69

■ 7F7775

Harmonies

Analogous

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



8A0031



7F1B03



653600

Triad

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



7F1B03



005126



004197

Complementary

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



7F1B03



03677F

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.



004D95



7F1B03



005354

Square

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



7F1B03



004D00



00527C



582A82

Rectangle

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



7F1B03



4D4100



00527C



004699

Sweetspot

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



7F1B03



A67F76



7F0368



543C37



D4D4D4



545454

Same Dimension

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



7F1B03



A62000



7F5803



403B39



801900



000000

Inverse Universe

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



03677F



0086A6



032A7F



393F40



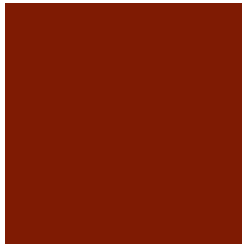
006780



000000

Previews

White Background



This preview shows how the Hex color 7F1B03 looks on a white background.

Color Contrast Check

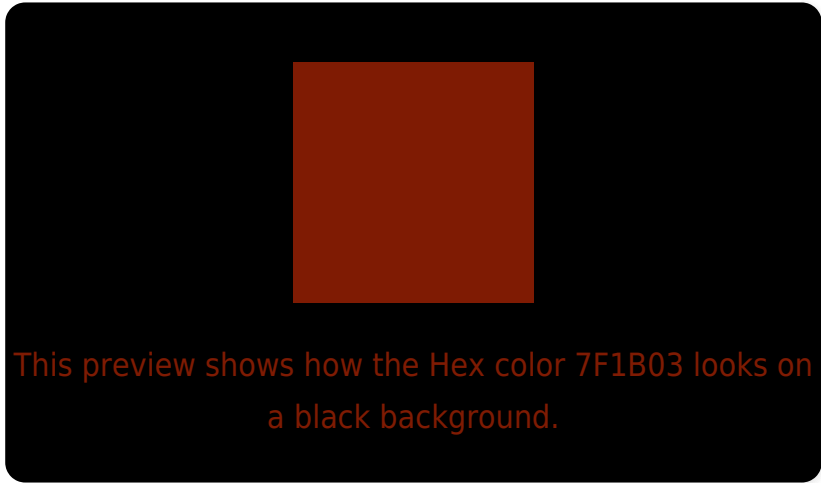
Large Text (above 18pt) WCAG AA ✓ Pass

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

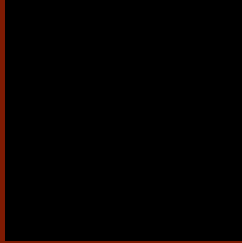
Any Text WCAG AA × Fail

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 7F1B03 Background



This preview shows how black text looks on a background with the Hex color 7F1B03.



This preview shows how white text looks on a background with the Hex color 7F1B03.

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
7F1B03

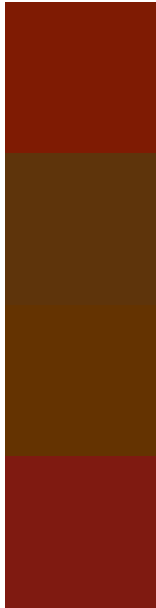
Protanopia
4B430F

Deuteranopia
554000



Tritanopia
7F1919

Trichromacy



Original Color
7F1B03

Protanomaly
5E340B

Deuteranomaly
643301

Tritanomaly
7F1A11

Monochromacy



Original Color
7F1B03

Achromatopsia
363636

Achromatomaly
512C23

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F1B03 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 #7F1B03 looks like.

```
.text, #text, p{  
    color:#7F1B03  
}
```

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 #7F1B03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F1B03
}
```

Border

The CSS property to change the border of an element to Hex 7F1B03 is called "border". The border property can be set on classes, ids or directly on the HTML element.

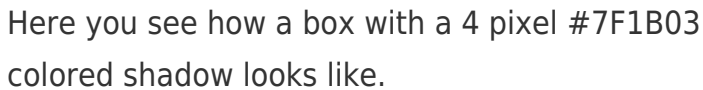
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F1B03 }
```

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

```
.border{ border-color:#7F1B03 }
```

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



Here you see how a box with a 4 pixel #7F1B03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F1B03; -webkit-box-shadow:4px 4px  
4px 4px #7F1B03; box-shadow:4px 4px 4px  
4px #7F1B03 }
```

Background

The CSS property to change the background color of an element to Hex 7F1B03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F1B03 }
```

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

```
.background{ background-color:#7F1B03 }
```

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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