

# Converting Colors

Hex(7C1D03)

Have a look what the booklet for  
Hex(7C1D03) contains.

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**Color**

**Hex(7C1D03)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7C1D03
RGB	124, 29, 3
RGB Percent	49%, 11%, 1%
CMY	0.5137, 0.8863, 0.9882
CMYK	0.00, 0.77, 0.98, 0.51
HSL	13°, 95%, 25%
HSV	13°, 98%, 49%
XYZ	8.7680, 5.1704, 0.6220
YIQ	54.4410, 64.9660, 12.0540

# Conversions

## Conversions Part 2

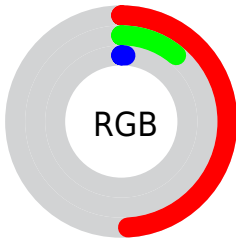
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 36, 3
Decimal	8133891
CIELab	27.21, 39.65, 38.03
CIELCh	27, 54.937, 43.801
Yxy	5.1704, 0.6022, 0.3551
Android (android.graphics.Color)	4286323971 (0xFF7C1D03)
YUV	54.4410, -25.3604, 61.0032
Hunter-Lab	22.7385, 29.0374, 14.2951

# Details

The Hex color **7C1D03** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **03627C**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **B75131**, and **420000** is the 20% darker color. If you saturate the color by 10%, you get **7C1B00**, and if you desaturate by 10%, it is **7C270F**.

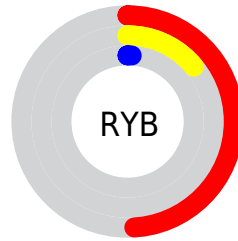
# Distribution



Red (49%)

Green (11%)

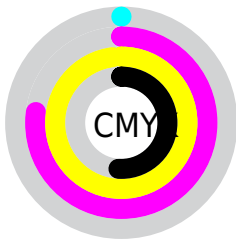
Blue (1%)



Red (49%)

Yellow (14%)

Blue (1%)

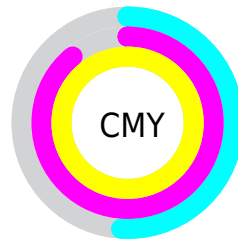


Cyan (0%)

Magenta (77%)

Yellow (98%)

Black (51%)



Cyan (51%)

Magenta (89%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C1D03 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 7C1D03 by changing the saturation by 10% instead.



 7C1D03

 7C1D03

 FFFFE7

 5F0000

 B75131

 420000

 D66A49

 290001

 F58561

 000000

 FFA07A

 FFBB95

 FFD8AF

 FFF4CB

 7C1D03

 7C1D03

■ 7C1B00

■ 7C270F

■ 7C301C

■ 7C3A28

■ 7C4435

■ 7C4E41

■ 7C574D

■ 7C615A

■ 7C6B66

■ 7C7573

# Harmonies

## Analogous

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



87002F



7C1D03



623600

# Triad

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



7C1D03



005027



003F93

# Complementary

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



7C1D03



03627C

# 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.



004C92



7C1D03



005253

# Square

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



7C1D03



004C00



00517A



58297E

# Rectangle

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



7C1D03



4B4100



00517A



004596



# Sweetspot

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



7C1D03



A17C72



7C0364



523B35



D1D1D1



525252



# Same Dimension

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



7C1D03



A12300



7C5803



3D3837



7D1B00



FC3600



# Inverse Universe

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



03627C



007EA1



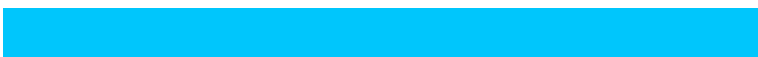
03277C



373C3D



00627D

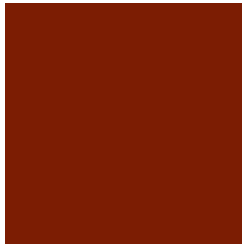


00C6FC



# Previews

## White Background



This preview shows how the Hex color 7C1D03 looks on a white background.

## Color Contrast Check

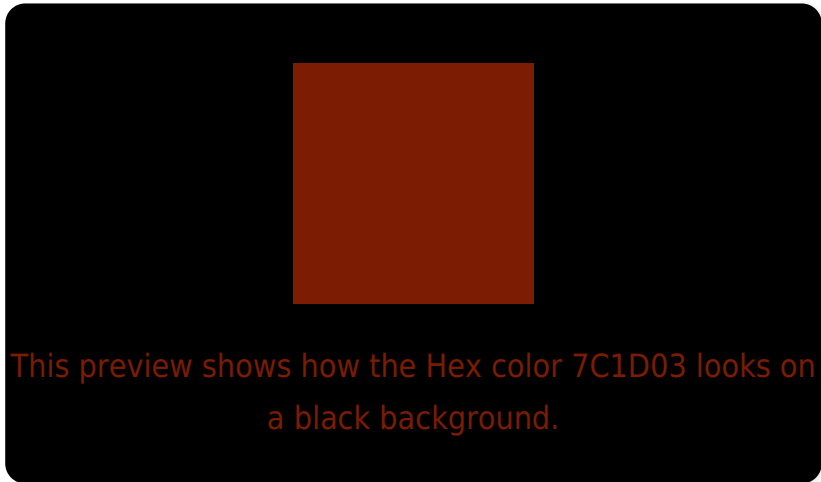
Large Text (above 18pt) WCAG AA ✓ Pass

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

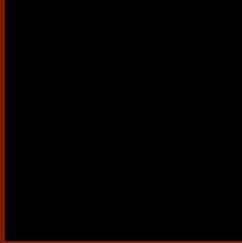
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7C1D03 Background



This preview shows how black text looks on a background with the Hex color 7C1D03.



This preview shows how white text looks on a background with the Hex color 7C1D03.

# 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**  
7C1D03

**Protanopia**  
4A420F

**Deuteranopia**  
533F00



# Trichromacy



**Original Color**  
7C1D03

**Protanomaly**  
5C350B

**Deuteranomaly**  
623301

**Tritanomaly**  
7C1C13

# Monochromacy



**Original Color**  
7C1D03

**Achromatopsia**  
363636

**Achromatomaly**  
4F2D23

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C1D03 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 #7C1D03 looks like.

```
.text, #text, p{  
    color:#7C1D03  
}
```

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 #7C1D03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C1D03
}
```

## Border

The CSS property to change the border of an element to Hex 7C1D03 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
#7C1D03 }
```

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

```
.border{ border-color:#7C1D03 }
```

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

Here you see how a box with a 4 pixel #7C1D03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C1D03; -webkit-box-shadow:4px 4px  
4px 4px #7C1D03; box-shadow:4px 4px 4px  
4px #7C1D03 }
```

# Background

The CSS property to change the background color of an element to Hex 7C1D03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C1D03 }
```

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

```
.background{ background-color:#7C1D03 }
```

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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