

# Converting Colors

Hex(7B1F00)

Have a look what the booklet for  
Hex(7B1F00) contains.

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**Color**

**Hex(7B1F00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B1F00
RGB	123, 31, 0
RGB Percent	48%, 12%, 0%
CMY	0.5176, 0.8784, 1.0000
CMYK	0.00, 0.75, 1.00, 0.52
HSL	15°, 100%, 24%
HSV	15°, 100%, 48%
XYZ	8.6584, 5.1909, 0.5456
YIQ	54.9740, 64.7830, 9.8630

# Conversions

## Conversions Part 2

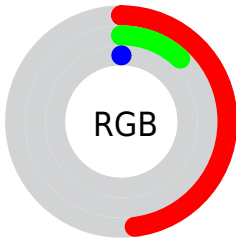
Format	Color
<b>RYB</b>	123, 41, 0
Decimal	8068864
CIELab	27.27, 38.46, 39.22
CIElCh	27, 54.927, 45.559
Yxy	5.1909, 0.6015, 0.3606
Android (android.graphics.Color)	4286258944 (0xFF7B1F00)
YUV	54.9740, -27.1022, 59.6588
Hunter-Lab	22.7836, 27.9634, 14.5287

# Details

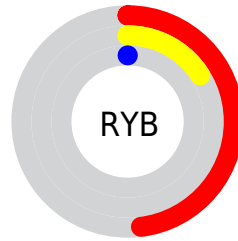
The Hex color **7B1F00** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **005C7B**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **B6522F**, and **410000** is the 20% darker color. If you saturate the color by 10%, you get **7B1F00**, and if you desaturate by 10%, it is **7B280C**.

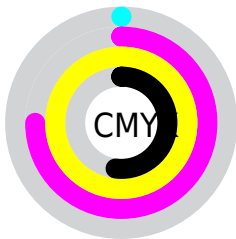
# Distribution



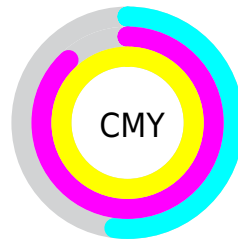
- Red (48%)
- Green (12%)
- Blue (0%)



- Red (48%)
- Yellow (16%)
- Blue (0%)



- Cyan (0%)
- Magenta (75%)
- Yellow (100%)
- Black (52%)



- Cyan (52%)
- Magenta (88%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B1F00 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 7B1F00 by changing the saturation by 10% instead.



 7B1F00

 7B1F00

 FFFFE5

 5E0000

 B6522F

 410000

 D56C47

 280001

 F4865F

 000000

 FFA178

 FFBC92

 FFD9AD

 FFF6C9

 7B1F00

 7B280C

 7B3119

 7B3B25

 7B4431

 7B4D3E

 7B564A

 7B5F56

 7B6962

 7B726F

# Harmonies

## Analogous

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



87002D



7B1F00



603700

# Triad

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



7B1F00



00502A



003F93

# Complementary

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



7B1F00



005C7B

# 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.



004B93



7B1F00



005256

# Square

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



7B1F00



004D00



00517C



5B287C

# Rectangle

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



7B1F00



494100



00517C



004496



# Sweetspot

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



7B1F00



A17D70



7B005C



523C34



D1D1D1



525252



# Same Dimension

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



7B1F00



A12800



7B5C00



3D3937



7D1F00



FC4000



# Inverse Universe

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



005C7B



0078A1



001F7B



373C3D



005D7D

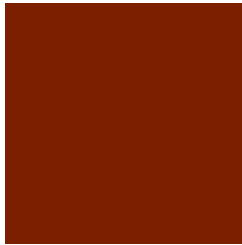


00BDFC



# Previews

## White Background



This preview shows how the Hex color 7B1F00 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

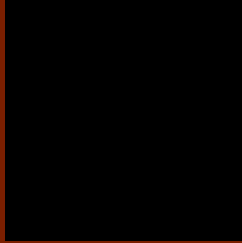
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7B1F00 Background



This preview shows how black text looks on a background with the Hex color 7B1F00.



This preview shows how white text looks on a background with the Hex color 7B1F00.

# 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**  
7B1F00

**Protanopia**  
4A420E

**Deuteranopia**  
533F00



**Tritanopia**  
7B1D1E

# Trichromacy



**Original Color**

7B1F00

**Protanomaly**

5C3509

**Deuteranomaly**

623300

**Tritanomaly**

7B1E13

# Monochromacy



**Original Color**

7B1F00

**Achromatopsia**

373737

**Achromatomaly**

502E23

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B1F00 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 #7B1F00 looks like.

```
.text, #text, p{  
    color:#7B1F00  
}
```

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 #7B1F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B1F00
}
```

## Border

The CSS property to change the border of an element to Hex 7B1F00 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
#7B1F00 }
```

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

```
.border{ border-color:#7B1F00 }
```

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

Here you see how a box with a 4 pixel #7B1F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B1F00; -webkit-box-shadow:4px 4px  
4px 4px #7B1F00; box-shadow:4px 4px 4px  
4px #7B1F00 }
```

# Background

The CSS property to change the background color of an element to Hex 7B1F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B1F00 }
```

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

```
.background{ background-color:#7B1F00 }
```

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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