

Converting Colors

Hex(7F1700)

Have a look what the booklet for
Hex(7F1700) contains.

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Color

Hex(7F1700)

Conversions

Conversions Part 1

Format	Color
Hex	7F1700
RGB	127, 23, 0
RGB Percent	50%, 9%, 0%
CMY	0.5020, 0.9098, 1.0000
CMYK	0.00, 0.82, 1.00, 0.50
HSL	11°, 100%, 25%
HSV	11°, 100%, 50%
XYZ	9.0588, 5.1248, 0.5117
YIQ	51.4740, 69.3670, 14.8950

Conversions

Conversions Part 2

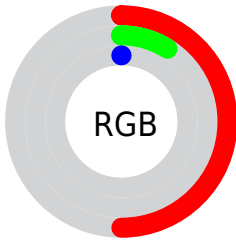
Format	Color
R_{YB}	127, 28, 0
Decimal	8328960
CIE _{Lab}	27.09, 42.67, 39.38
CIE _{LCh}	27, 58.067, 42.706
Yxy	5.1248, 0.6164, 0.3487
Android (android.graphics.Color)	4286519040 (0xFF7F1700)
YUV	51.4740, -25.3767, 66.2363
Hunter-Lab	22.6381, 31.8115, 14.5064

Details

The Hex color **7F1700** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **00687F**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **BB4D2F**, and **450000** is the 20% darker color. If you saturate the color by 10%, you get **7F1700**, and if you desaturate by 10%, it is **7F210D**.

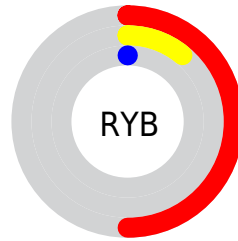
Distribution



Red (50%)

Green (9%)

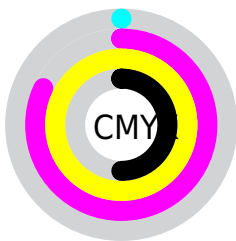
Blue (0%)



Red (50%)

Yellow (11%)

Blue (0%)

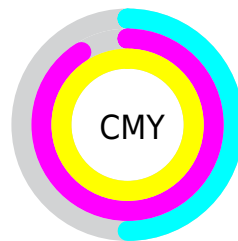


Cyan (0%)

Magenta (82%)

Yellow (100%)

Black (50%)



Cyan (50%)

Magenta (91%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F1700 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 7F1700 by changing the saturation by 10% instead.

 7F1700

 7F1700

 FFFFE4

 620000

 BB4D2F

 450000

 DA6746

 2B0001

 F9815F

 000000

 FF9D78

 FFB892

 FFD4AD

 FFF1C8

 7F1700

 7F210D

 7F2C19

 7F3626

 7F4133

 7F4B40

 7F554C

 7F6059

 7F6A66

 7F7572

Harmonies

Analogous

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



8B0030



7F1700



643400

Triad

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



7F1700



005023



004098

Complementary

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



7F1700



00687F

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.



004D96



7F1700



005252

Square

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



7F1700



004C00



00517C



562882

Rectangle

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



7F1700



4C4000



00517C



00459A

Sweetspot

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



7F1700



A67D74



7F006A



543B36



D4D4D4



545454

Same Dimension

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



7F1700



A61E00



7F5500



403B39



801700



000000

Inverse Universe

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



00687F



0088A6



002A7F



393F40



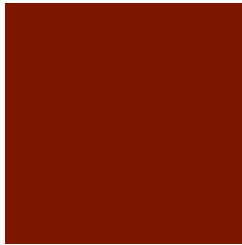
006880



000000

Previews

White Background



This preview shows how the Hex color 7F1700 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

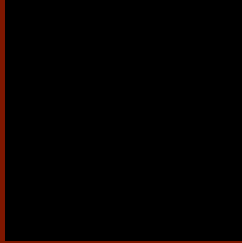
Any Text WCAG AA × Fail

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 7F1700 Background



This preview shows how black text looks on a background with the Hex color 7F1700.



This preview shows how white text looks on a background with the Hex color 7F1700.

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
7F1700

Protanopia
4A420F

Deuteranopia
533F00



Tritanopia
7F1615

Trichromacy



Original Color
7F1700

Protanomaly
5D320A

Deuteranomaly
633000

Tritanomaly
7F160D

Monochromacy



Original Color
7F1700

Achromatopsia
333333

Achromatomaly
4F2920

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F1700 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 #7F1700 looks like.

```
.text, #text, p{  
    color:#7F1700  
}
```

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 #7F1700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F1700
}
```

Border

The CSS property to change the border of an element to Hex 7F1700 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".

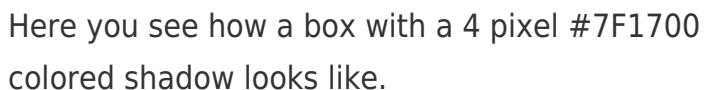
```
.border, #border, table{ border:4px solid
#7F1700 }
```

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

```
.border{ border-color:#7F1700 }
```

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

Here you see how a box with a 4 pixel #7F1700 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. Below the box, there is a thick dark red horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F1700; -webkit-box-shadow:4px 4px  
4px 4px #7F1700; box-shadow:4px 4px 4px  
4px #7F1700 }
```

Background

The CSS property to change the background color of an element to Hex 7F1700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F1700 }
```

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

```
.background{ background-color:#7F1700 }
```

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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