

# Converting Colors

Hex(7F1A06)

Have a look what the booklet for  
Hex(7F1A06) contains.

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**Color**

**Hex(7F1A06)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F1A06
RGB	127, 26, 6
RGB Percent	50%, 10%, 2%
CMY	0.5020, 0.8980, 0.9765
CMYK	0.00, 0.80, 0.95, 0.50
HSL	10°, 91%, 26%
HSV	10°, 95%, 50%
XYZ	9.1547, 5.2640, 0.7058
YIQ	53.9190, 66.6160, 15.1920

# Conversions

## Conversions Part 2

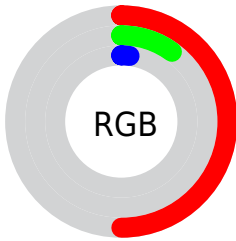
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 30, 6
Decimal	8329734
CIELab	27.47, 41.81, 37.27
CIElCh	27, 56.010, 41.718
Yxy	5.2640, 0.6053, 0.3480
Android (android.graphics.Color)	4286519814 (0xFF7F1A06)
YUV	53.9190, -23.6241, 64.0920
Hunter-Lab	22.9433, 31.0728, 14.2363

# Details

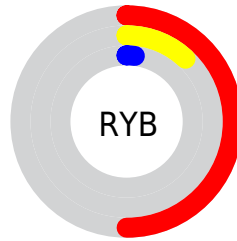
The Hex color **7F1A06** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **066B7F**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **BB4F34**, and **450000** is the 20% darker color. If you saturate the color by 10%, you get **7F1500**, and if you desaturate by 10%, it is **7F2513**.

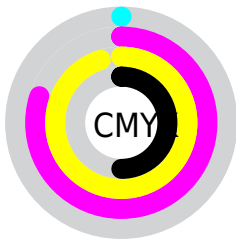
# Distribution



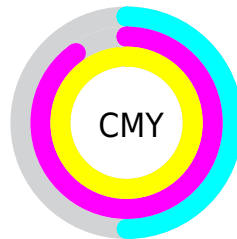
- Red (50%)
- Green (10%)
- Blue (2%)



- Red (50%)
- Yellow (12%)
- Blue (2%)



- Cyan (0%)
- Magenta (80%)
- Yellow (95%)
- Black (50%)



- Cyan (50%)
- Magenta (90%)
- Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F1A06 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 7F1A06 by changing the saturation by 10% instead.



 7F1A06

 7F1A06

 FFFFEA

 620000

 BB4F34

 450000

 D9694B

 2B0001

 F88363

 000000

 FF9E7D

 FFBA97

 FFD6B2

 FFF3CD

 7F1A06

 7F1A06

■ 7F1500

■ 7F2513

■ 7F2F1F

■ 7F3A2C

■ 7F4439

■ 7F4F46

■ 7F5A52

■ 7F645F

■ 7F6F6C

■ 7F7978

# Harmonies

## Analogous

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



890032



7F1A06



653500

# Triad

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



7F1A06



005124



004196

# Complementary

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



7F1A06



066B7F

# 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.



004D94



7F1A06



005251

# Square

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



7F1A06



024D00



00527A



552B82

# Rectangle

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



7F1A06



4E4000



00527A



004698



# Sweetspot

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



7F1A06



A67E76



7F066D



543C37



D4D4D4



545454



# Same Dimension

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



7F1A06



A61B00



7F5506



403A39



801500



000000



# Inverse Universe

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



066B7F



008AA6



06307F



393F40



006A80

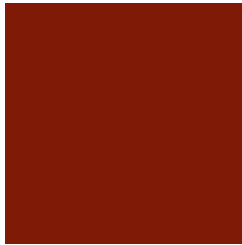


000000



# Previews

## White Background



This preview shows how the Hex color 7F1A06 looks on a white background.

## Color Contrast Check

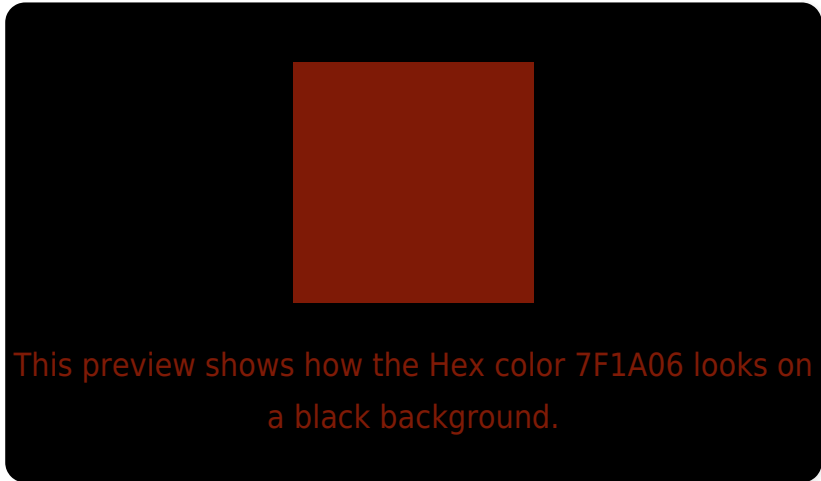
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F1A06 Background



This preview shows how black text looks on a background with the Hex color 7F1A06.



This preview shows how white text looks on a background with the Hex color 7F1A06.

# 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**  
7F1A06

**Protanopia**  
4B4311

**Deuteranopia**  
543F00



**Tritanopia**  
7F1818

# Trichromacy



**Original Color**  
7F1A06

**Protanomaly**  
5E340D

**Deuteranomaly**  
643202

**Tritanomaly**  
7F1911

# Monochromacy



**Original Color**  
7F1A06

**Achromatopsia**  
363636

**Achromatomaly**  
512C25

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F1A06 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 #7F1A06 looks like.

```
.text, #text, p{  
    color:#7F1A06  
}
```

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 #7F1A06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F1A06
}
```

## Border

The CSS property to change the border of an element to Hex 7F1A06 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".

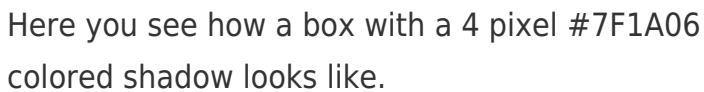
```
.border, #border, table{ border:4px solid
#7F1A06 }
```

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

```
.border{ border-color:#7F1A06 }
```

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

Here you see how a box with a 4 pixel #7F1A06 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F1A06; -webkit-box-shadow:4px 4px  
4px 4px #7F1A06; box-shadow:4px 4px 4px  
4px #7F1A06 }
```

# Background

The CSS property to change the background color of an element to Hex 7F1A06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F1A06 }
```

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

```
.background{ background-color:#7F1A06 }
```

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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