

# Converting Colors

Hex(7F0A00)

Have a look what the booklet for  
Hex(7F0A00) contains.

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# Color

**Hex(7F0A00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F0A00
RGB	127, 10, 0
RGB Percent	50%, 4%, 0%
CMY	0.5020, 0.9608, 1.0000
CMYK	0.00, 0.92, 1.00, 0.50
HSL	5°, 100%, 25%
HSV	5°, 100%, 50%
XYZ	8.8609, 4.7291, 0.4458
YIQ	43.8430, 72.9420, 21.6940

# Conversions

## Conversions Part 2

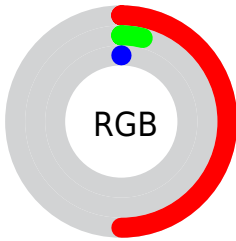
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 11, 0
Decimal	8325632
CIELab	25.95, 45.90, 38.36
CIELCh	26, 59.824, 39.886
Yxy	4.7291, 0.6313, 0.3369
Android (android.graphics.Color)	4286515712 (0xFF7F0A00)
YUV	43.8430, -21.6146, 72.9287
Hunter-Lab	21.7465, 34.6761, 14.0072

# Details

The Hex color **7F0A00** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **00757F**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **BB462F**, and **440000** is the 20% darker color. If you saturate the color by 10%, you get **7F0A00**, and if you desaturate by 10%, it is **7F160D**.

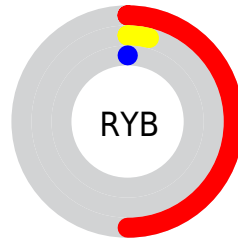
# Distribution



Red (50%)

Green (4%)

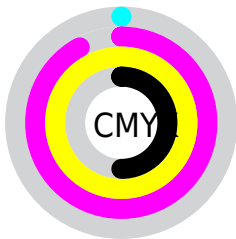
Blue (0%)



Red (50%)

Yellow (4%)

Blue (0%)

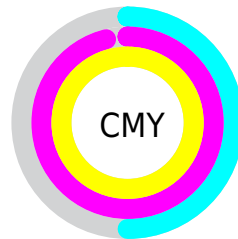


Cyan (0%)

Magenta (92%)

Yellow (100%)

Black (50%)



Cyan (50%)

Magenta (96%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F0A00 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 7F0A00 by changing the saturation by 10% instead.



 7F0A00

 7F0A00

 FFFFE3

 610000

 BB462F

 440000

 DA6146

 290001

 F97B5E

 000000

 FF9677

 FFB291

 FFCEAC

 FFEBC7

 7F0A00

 7F160D

 7F2119

 7F2D26

 7F3933

 7F4540

 7F504C

 7F5C59

 7F6866

 7F7372

# Harmonies

## Analogous

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



890031



7F0A00



642F00

# Triad

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



7F0A00



004E1B



003F99

# Complementary

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



7F0A00



00757F

# 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.



004B94



7F0A00



004F4C

# Square

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



7F0A00



004900



004F78



4D2784

# Rectangle

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



7F0A00



4D3C00



004F78



00449A



# Sweetspot

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



7F0A00



A67874



7F0077



543836



D4D4D4



545454



# Same Dimension

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



7F0A00



A60D00



7F4800



403A39



800A00



000000



# Inverse Universe

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



00757F



0099A6



00377F



393F40



007580

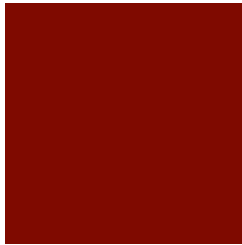


000000



# Previews

## White Background



This preview shows how the Hex color 7F0A00 looks on a white background.

## Color Contrast Check

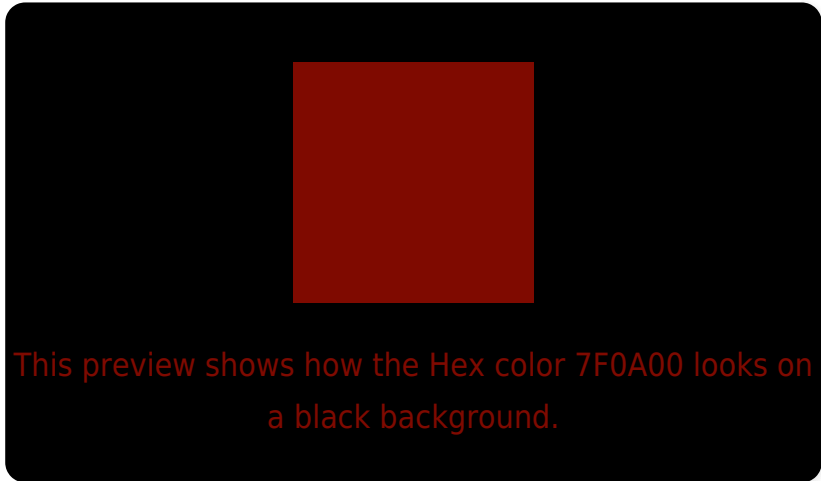
Large Text (above 18pt) WCAG AA ✓ Pass

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

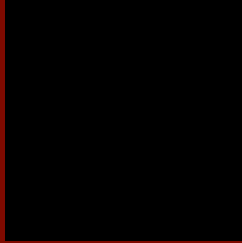
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7F0A00 Background



This preview shows how black text looks on a background with the Hex color 7F0A00.



This preview shows how white text looks on a background with the Hex color 7F0A00.

# 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**  
7F0A00

**Protanopia**  
484110

**Deuteranopia**  
513D00



**Tritanopia**  
7F0B00

# Trichromacy



**Original Color**  
7F0A00

**Protanomaly**  
5C2D0A

**Deuteranomaly**  
622A00

**Tritanomaly**  
7F0B00

# Monochromacy



**Original Color**  
7F0A00

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
4A201C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F0A00 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 #7F0A00 looks like.

```
.text, #text, p{  
    color:#7F0A00  
}
```

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 #7F0A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F0A00
}
```

## Border

The CSS property to change the border of an element to Hex 7F0A00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

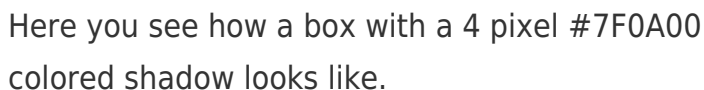
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F0A00 }
```

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

```
.border{ border-color:#7F0A00 }
```

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



Here you see how a box with a 4 pixel #7F0A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F0A00; -webkit-box-shadow:4px 4px  
4px 4px #7F0A00; box-shadow:4px 4px 4px  
4px #7F0A00 }
```

# Background

The CSS property to change the background color of an element to Hex 7F0A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F0A00 }
```

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

```
.background{ background-color:#7F0A00 }
```

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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