

# Converting Colors

Hex(7F0D4F)

Have a look what the booklet for  
Hex(7F0D4F) contains.

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# Color

**Hex(7F0D4F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F0D4F
RGB	127, 13, 79
RGB Percent	50%, 5%, 31%
CMY	0.5020, 0.9490, 0.6902
CMYK	0.00, 0.90, 0.38, 0.50
HSL	325°, 81%, 27%
HSV	325°, 90%, 50%
XYZ	10.3076, 5.3644, 7.8893
YIQ	54.6100, 46.7580, 44.6940

# Conversions

## Conversions Part 2

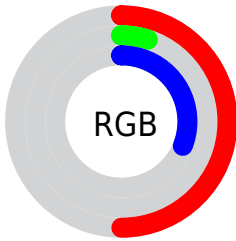
Format	Color
<a href="#">RYB</a>	<a href="#">127, 13, 79</a>
Decimal	<a href="#">8326479</a>
CIELab	<a href="#">27.75, 49.87, -7.95</a>
CIELCh	<a href="#">28, 50.497, 350.942</a>
Yxy	<a href="#">5.3644, 0.4375, 0.2277</a>
Android (android.graphics.Color)	<a href="#">4286516559</a> ( <a href="#">0xFF7F0D4F</a> )
YUV	<a href="#">54.6100, 12.0243, 63.4860</a>
Hunter-Lab	<a href="#">23.1611, 38.9074, -3.9829</a>

# Details

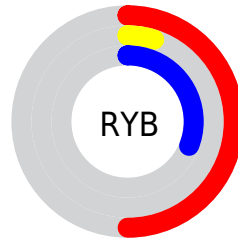
The Hex color **7F0D4F** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **0D7F3D**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **B84A80**, and **490023** is the 20% darker color. If you saturate the color by 10%, you get **7F004A**, and if you desaturate by 10%, it is **7F1A54**.

# Distribution



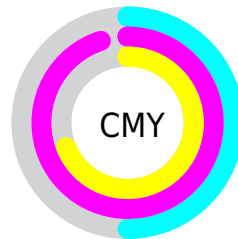
- Red (50%)
- Green (5%)
- Blue (31%)



- Red (50%)
- Yellow (5%)
- Blue (31%)



- Cyan (0%)
- Magenta (90%)
- Yellow (38%)
- Black (50%)



- Cyan (50%)
- Magenta (95%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F0D4F 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 7F0D4F by changing the saturation by 10% instead.



 7F0D4F

 7F0D4F

FFFFFF

 640038

 B84A80

 490023

 D5659A

 31000C

 F280B5

 000000

 FF9BD0

 FFB7ED

 FFD4FF

 FFF1FF

 7F0D4F

 7F0D4F

■ 7F004A

■ 7F1A54

■ 7F265A

■ 7F335F

■ 7F4064

■ 7F4C6A

■ 7F596F

■ 7F6674

■ 7F737A

■ 7F7F7F

# Harmonies

## Analogous

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



632773



7F0D4F



831029

# Triad

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



7F0D4F



384800



00507E

# Complementary

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



7F0D4F



0D7F3D

# 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.



00525C



7F0D4F



004E08

# Square

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



7F0D4F



5B3C00



005134



004A8F

# Rectangle

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



7F0D4F



7B210F



005134



005174



# Sweetspot

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



7F0D4F



A67993



3D0D7F



543949



D4D4D4



545454



# Same Dimension

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



7F0D4F



A60060



7F0D16



40393D



80004A



000000



# Inverse Universe

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



7F0D4F



A60060



0D7F76



40393D



80004A

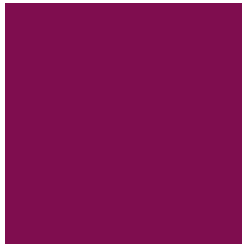


000000



# Previews

## White Background



This preview shows how the Hex color 7F0D4F looks on a white background.

## Color Contrast Check

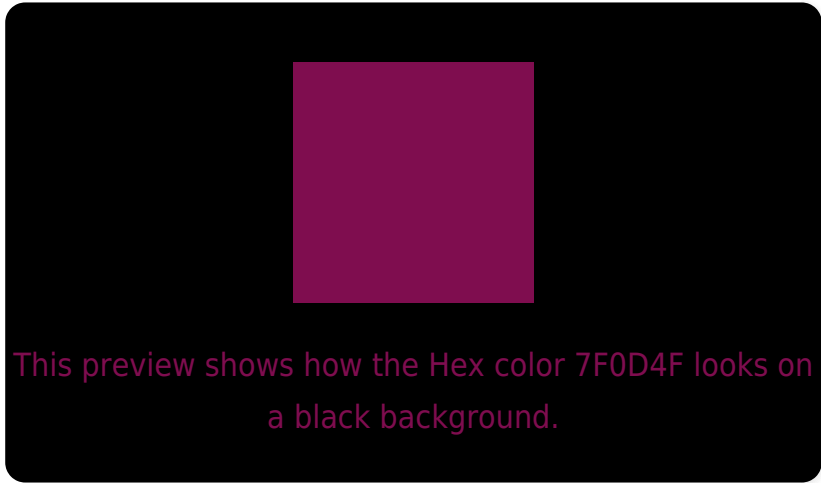
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F0D4F Background



This preview shows how black text looks on a background with the Hex color 7F0D4F.



This preview shows how white text looks on a background with the Hex color 7F0D4F.

# 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**  
7F0D4F

**Protanopia**  
324270

**Deuteranopia**  
48424A



# Trichromacy



**Original Color**  
7F0D4F

**Protanomaly**  
4E2F64

**Deuteranomaly**  
5C2F4C

**Tritanomaly**  
7D1A32

# Monochromacy



**Original Color**  
7F0D4F

**Achromatopsia**  
373737

**Achromatomaly**  
512840

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F0D4F 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 #7F0D4F looks like.

```
.text, #text, p{  
    color:#7F0D4F  
}
```

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 #7F0D4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F0D4F
}
```

## Border

The CSS property to change the border of an element to Hex 7F0D4F 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".

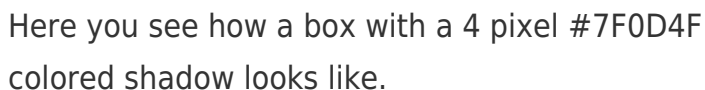
```
.border, #border, table{ border:4px solid
#7F0D4F }
```

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

```
.border{ border-color:#7F0D4F }
```

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

Here you see how a box with a 4 pixel #7F0D4F colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F0D4F; -webkit-box-shadow:4px 4px  
4px 4px #7F0D4F; box-shadow:4px 4px 4px  
4px #7F0D4F }
```

# Background

The CSS property to change the background color of an element to Hex 7F0D4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F0D4F }
```

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

```
.background{ background-color:#7F0D4F }
```

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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