

# Converting Colors

Hex(7F0D6D)

Have a look what the booklet for  
Hex(7F0D6D) contains.

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**Color**

**Hex(7F0D6D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F0D6D
RGB	127, 13, 109
RGB Percent	50%, 5%, 43%
CMY	0.5020, 0.9490, 0.5725
CMYK	0.00, 0.90, 0.14, 0.50
HSL	309°, 81%, 27%
HSV	309°, 90%, 50%
XYZ	11.6566, 5.9040, 14.9932
YIQ	58.0300, 37.1280, 54.0240

# Conversions

## Conversions Part 2

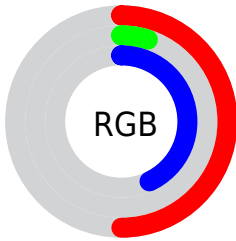
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 13, 109
Decimal	8326509
CIE <sub>Lab</sub>	29.17, 53.72, -25.40
CIE <sub>LCh</sub>	29, 59.425, 334.695
Yxy	5.9040, 0.3581, 0.1814
Android (android.graphics.Color)	4286516589 (0xFF7F0D6D)
YUV	58.0300, 25.1282, 60.4867
Hunter-Lab	24.2981, 43.1107, -19.5763

# Details

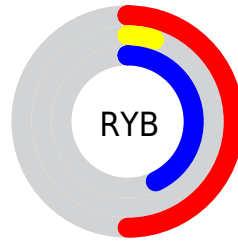
The Hex color **7F0D6D** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **0D7F1F**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **B74CA1**, and **49003D** is the 20% darker color. If you saturate the color by 10%, you get **7F006B**, and if you desaturate by 10%, it is **7F1A6F**.

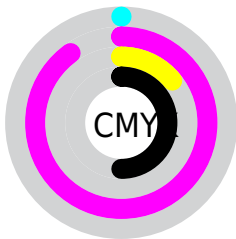
# Distribution



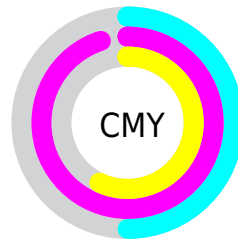
- Red (50%)
- Green (5%)
- Blue (43%)



- Red (50%)
- Yellow (5%)
- Blue (43%)



- Cyan (0%)
- Magenta (90%)
- Yellow (14%)
- Black (50%)



- Cyan (50%)
- Magenta (95%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F0D6D 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 7F0D6D by changing the saturation by 10% instead.



 7F0D6D

 7F0D6D

FFFFFF

 640054

 B74CA1

 49003D

 D467BC

 320027

 F182D8

 0B0010

 FF9DF4

 000000

 FFB9FF

 FFD6FF

 FFF3FF

 7F0D6D

 7F0D6D

■ 7F006B

■ 7F1A6F

■ 7F2671

■ 7F3373

■ 7F4075

■ 7F4C77

■ 7F5979

■ 7F667B

■ 7F737D

■ 7F7F7F

# Harmonies

## Analogous

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



483492



7F0D6D



920040

# Triad

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



7F0D6D



4F4500



005779

# Complementary

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



7F0D6D



0D7F1F

# 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.



00574B



7F0D6D



1C5000

# Square

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



7F0D6D



733200



005519



005499

# Rectangle

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



7F0D6D



900022



005519



00576A



# Sweetspot

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



7F0D6D



A6799F



1E0D7F



543950



D4D4D4



545454



# Same Dimension

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



7F0D6D



A6008C



7F0D35



40393F



80006B



000000



# Inverse Universe

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



7F0D6D



A6008C



0D7F57



40393F



80006B



000000



# Previews

## White Background



This preview shows how the Hex color 7F0D6D looks on a white background.

## Color Contrast Check

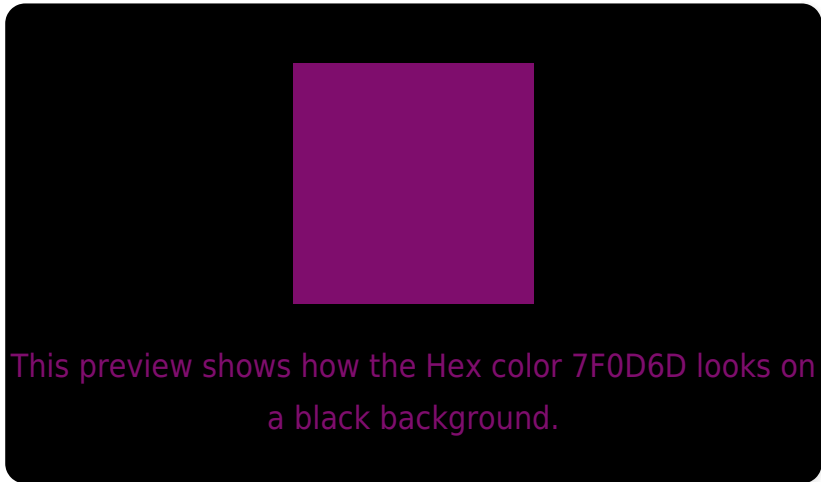
Large Text (above 18pt) WCAG AA ✓ Pass

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

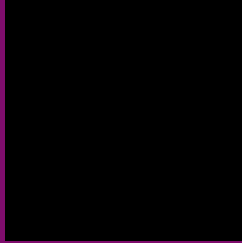
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7F0D6D Background



This preview shows how black text looks on a background with the Hex color 7F0D6D.



This preview shows how white text looks on a background with the Hex color 7F0D6D.

# 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





**Tritanopia**  
792C2F

# Trichromacy



**Original Color**

7F0D6D



**Protanomaly**

2E3085



**Deuteranomaly**

543169



**Tritanomaly**

7B2146

# Monochromacy



**Original Color**

7F0D6D



**Achromatopsia**

3A3A3A



**Achromatomaly**

532A4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F0D6D 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 #7F0D6D looks like.

```
.text, #text, p{  
    color:#7F0D6D  
}
```

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 #7F0D6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F0D6D
}
```

## Border

The CSS property to change the border of an element to Hex 7F0D6D is called "border". The border property can be set on classes, ids or directly on the HTML element.

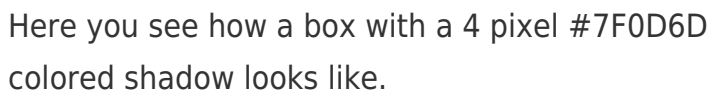
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F0D6D }
```

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

```
.border{ border-color:#7F0D6D }
```

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



Here you see how a box with a 4 pixel #7F0D6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F0D6D; -webkit-box-shadow:4px 4px  
4px 4px #7F0D6D; box-shadow:4px 4px 4px  
4px #7F0D6D }
```

# Background

The CSS property to change the background color of an element to Hex 7F0D6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F0D6D }
```

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

```
.background{ background-color:#7F0D6D }
```

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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