

# Converting Colors

Hex(7C0F3A)

Have a look what the booklet for  
Hex(7C0F3A) contains.

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# Color

**Hex(7C0F3A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C0F3A
RGB	124, 15, 58
RGB Percent	49%, 6%, 23%
CMY	0.5137, 0.9412, 0.7725
CMYK	0.00, 0.88, 0.53, 0.51
HSL	336°, 78%, 27%
HSV	336°, 88%, 49%
XYZ	9.2467, 4.9322, 4.4676
YIQ	52.4930, 51.1610, 36.4810

# Conversions

## Conversions Part 2

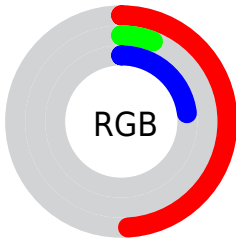
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	124, 15, 58
Decimal	8130362
CIE Lab	26.54, 46.59, 4.36
CIE LCh	27, 46.799, 5.351
Yxy	4.9322, 0.4959, 0.2645
Android (android.graphics.Color)	4286320442 (0xFF7C0F3A)
YUV	52.4930, 2.7150, 62.7116
Hunter-Lab	22.2086, 35.4548, 3.6188

# Details

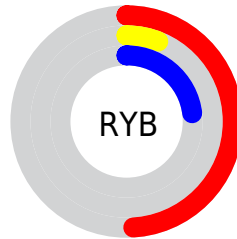
The Hex color **7C0F3A** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0F7C51**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **B54969**, and **45000F** is the 20% darker color. If you saturate the color by 10%, you get **7C0332**, and if you desaturate by 10%, it is **7C1B42**.

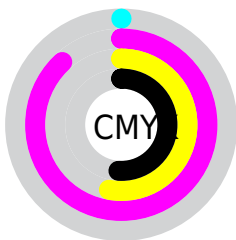
# Distribution



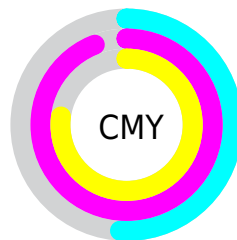
- Red (49%)
- Green (6%)
- Blue (23%)



- Red (49%)
- Yellow (6%)
- Blue (23%)



- Cyan (0%)
- Magenta (88%)
- Yellow (53%)
- Black (51%)



- Cyan (51%)
- Magenta (94%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C0F3A 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 7C0F3A by changing the saturation by 10% instead.



7C0F3A

7C0F3A

FFFFFF

600025

B54969

45000F

D26482

2C0001

F07F9C

000000

FF9AB7

FFB6D2

FFD2EE

FFEFFF

7C0F3A

7C0F3A

7C0332

7C1B42

7C0031

7C2849

7C3451

7C4158

7C4D60

7C5967

7C666F

7C7276

7C7F7E

# Harmonies

## Analogous

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



6D1D5D



7C0F3A



771E17

# Triad

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



7C0F3A



224800



004A80

# Complementary

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



7C0F3A



0F7C51

# 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.



004E67



7C0F3A



004C1F

# Square

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



7C0F3A



483F00



004E44



004187

# Rectangle

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



7C0F3A



6C2B00



004E44



004C79



# Sweetspot

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



7C0F3A



A17787



500F7C



523842



D1D1D1



525252



# Same Dimension

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



7C0F3A



A1003F



7C1A0F



3D3739



7D0031



FC0064



# Inverse Universe

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



7C0F3A



A1003F



0F717C



3D3739



7D0031

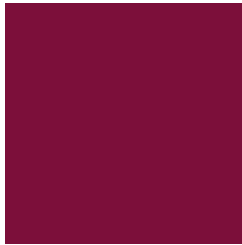


FC0064



# Previews

## White Background



This preview shows how the Hex color 7C0F3A looks on a white background.

## Color Contrast Check

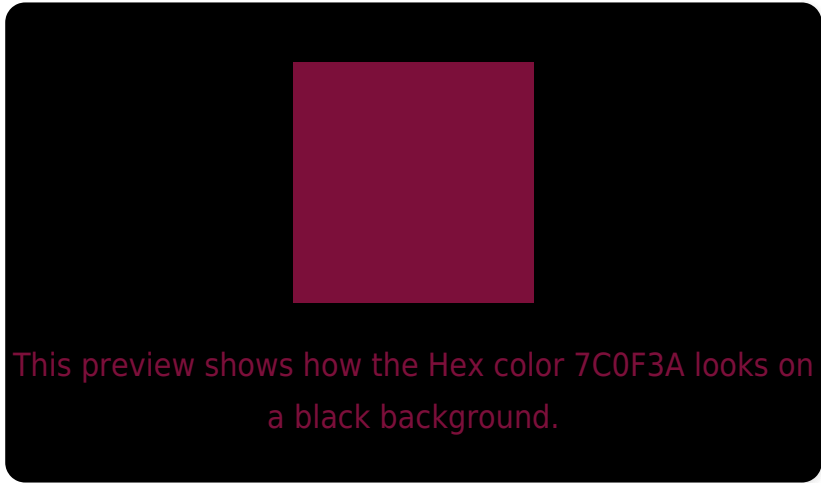
Large Text (above 18pt) WCAG AA ✓ Pass

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 7C0F3A Background



This preview shows how black text looks on a background with the Hex color 7C0F3A.



This preview shows how white text looks on a background with the Hex color 7C0F3A.

# 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**  
7B1A1B

# Trichromacy



**Original Color**  
7C0F3A

**Protanomaly**  
542E49

**Deuteranomaly**  
5D2E37

**Tritanomaly**  
7B1626

# Monochromacy



**Original Color**  
7C0F3A

**Achromatopsia**  
343434

**Achromatomaly**  
4E2736

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C0F3A 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 #7C0F3A looks like.

```
.text, #text, p{  
    color:#7C0F3A  
}
```

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 #7C0F3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C0F3A
}
```

## Border

The CSS property to change the border of an element to Hex 7C0F3A 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".

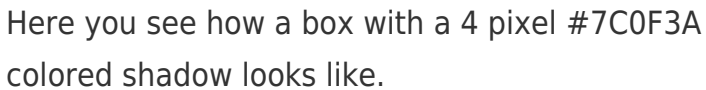
```
.border, #border, table{ border:4px solid
#7C0F3A }
```

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

```
.border{ border-color:#7C0F3A }
```

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

Here you see how a box with a 4 pixel #7C0F3A 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, creating a 3D effect. The text inside the box is black and describes the shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C0F3A; -webkit-box-shadow:4px 4px  
4px 4px #7C0F3A; box-shadow:4px 4px 4px  
4px #7C0F3A }
```

# Background

The CSS property to change the background color of an element to Hex 7C0F3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C0F3A }
```

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

```
.background{ background-color:#7C0F3A }
```

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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