

# Converting Colors

Hex(7B073C)

Have a look what the booklet for  
Hex(7B073C) contains.

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**Color**

**Hex(7B073C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B073C
RGB	123, 7, 60
RGB Percent	48%, 3%, 24%
CMY	0.5176, 0.9725, 0.7647
CMYK	0.00, 0.94, 0.51, 0.52
HSL	333°, 89%, 25%
HSV	333°, 94%, 48%
XYZ	9.0600, 4.6892, 4.7025
YIQ	47.7260, 52.1230, 41.0750

# Conversions

## Conversions Part 2

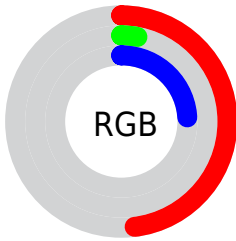
<b>Format</b>	<b>Color</b>
<b>RYB</b>	123, 7, 60
Decimal	8062780
CIELab	25.83, 48.10, 1.95
CIElCh	26, 48.139, 2.322
Yxy	4.6892, 0.4910, 0.2541
Android (android.graphics.Color)	4286252860 (0xFF7B073C)
YUV	47.7260, 6.0511, 66.0153
Hunter-Lab	21.6545, 36.7870, 2.2825

# Details

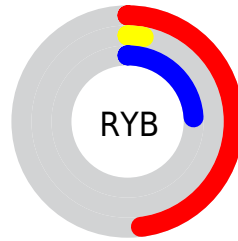
The Hex color **7B073C** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **077B46**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **B4466B**, and **440012** is the 20% darker color. If you saturate the color by 10%, you get **7B0038**, and if you desaturate by 10%, it is **7B1343**.

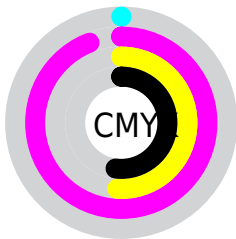
# Distribution



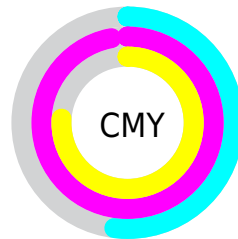
- Red (48%)
- Green (3%)
- Blue (24%)



- Red (48%)
- Yellow (3%)
- Blue (24%)



- Cyan (0%)
- Magenta (94%)
- Yellow (51%)
- Black (52%)



- Cyan (52%)
- Magenta (97%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B073C 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 7B073C by changing the saturation by 10% instead.



 7B073C

 7B073C

FFFFFF

 5F0026

 B4466B

 440012

 D16184

 2B0001

 EF7B9E

 000000

 FF97B9

 FFB2D5

 FFCFF1

 FFECFF

 7B073C

 7B073C

7B0038

7B1343

7B2049

7B2C50

7B3857

7B455D

7B5164

7B5D6B

7B6971

7B7678

# Harmonies

## Analogous

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



6A1B60



7B073C



781818

# Triad

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



7B073C



244600



00497E

# Complementary

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



7B073C



077B46

# 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.



004C64



7B073C



004B18

# Square

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



7B073C



4A3D00



004C3F



004187

# Rectangle

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



7B073C



6D2700



004C3F



004B77



# Sweetspot

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



7B073C



A17488



45077B



523643



D1D1D1



525252



# Same Dimension

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



7B073C



A10049



7B0B07



3D373A



7D0039



FC0073



# Inverse Universe

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



7B073C



A10049



07777B



3D373A



7D0039

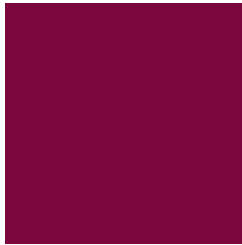


FC0073



# Previews

## White Background



This preview shows how the Hex color 7B073C looks on a white background.

## Color Contrast Check

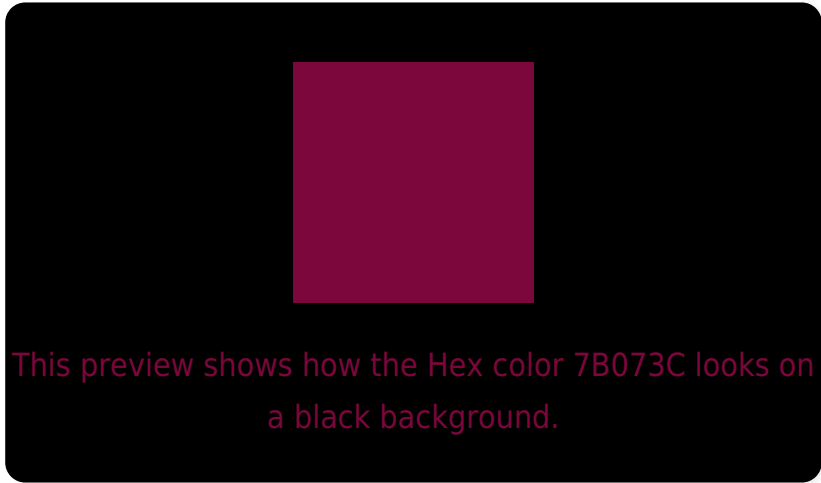
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B073C Background



This preview shows how black text looks on a background with the Hex color 7B073C.



This preview shows how white text looks on a background with the Hex color 7B073C.

# 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**  
7B073C

**Protanopia**  
393F56

**Deuteranopia**  
493E37



**Tritanopia**  
791818

# Trichromacy



**Original Color**  
7B073C

**Protanomaly**  
512B4D

**Deuteranomaly**  
5B2A39

**Tritanomaly**  
7A1225

# Monochromacy



**Original Color**  
7B073C

**Achromatopsia**  
303030

**Achromatomaly**  
4B2134

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B073C 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 #7B073C looks like.

```
.text, #text, p{  
    color:#7B073C  
}
```

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 #7B073C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B073C
}
```

## Border

The CSS property to change the border of an element to Hex 7B073C is called "border". The border property can be set on classes, ids or directly on the HTML element.

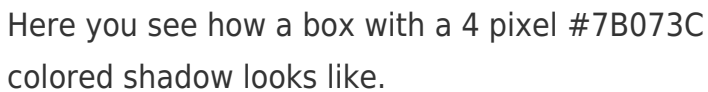
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B073C }
```

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

```
.border{ border-color:#7B073C }
```

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



Here you see how a box with a 4 pixel #7B073C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B073C; -webkit-box-shadow:4px 4px  
4px 4px #7B073C; box-shadow:4px 4px 4px  
4px #7B073C }
```

# Background

The CSS property to change the background color of an element to Hex 7B073C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B073C }
```

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

```
.background{ background-color:#7B073C }
```

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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