

# Converting Colors

Hex(77033C)

Have a look what the booklet for  
Hex(77033C) contains.

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**Color**

**Hex(77033C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77033C
RGB	119, 3, 60
RGB Percent	47%, 1%, 24%
CMY	0.5333, 0.9882, 0.7647
CMYK	0.00, 0.97, 0.50, 0.53
HSL	331°, 95%, 24%
HSV	331°, 97%, 47%
XYZ	8.4559, 4.3133, 4.6618
YIQ	44.1820, 50.8390, 42.3190

# Conversions

## Conversions Part 2

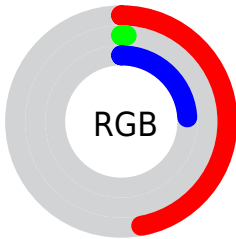
<b>Format</b>	<b>Color</b>
<b>RYB</b>	119, 3, 60
Decimal	7799612
CIELab	24.68, 47.86, 0.17
CIElCh	25, 47.858, 0.207
Yxy	4.3133, 0.4851, 0.2474
Android (android.graphics.Color)	4285989692 (0xFF77033C)
YUV	44.1820, 7.7983, 65.6154
Hunter-Lab	20.7685, 36.3316, 1.2293

# Details

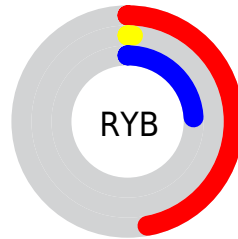
The Hex color **77033C** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **03773E**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **B0436B**, and **410012** is the 20% darker color. If you saturate the color by 10%, you get **77003A**, and if you desaturate by 10%, it is **770F42**.

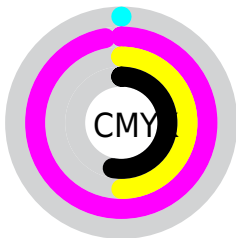
# Distribution



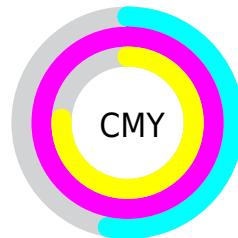
- Red (47%)
- Green (1%)
- Blue (24%)



- Red (47%)
- Yellow (1%)
- Blue (24%)



- Cyan (0%)
- Magenta (97%)
- Yellow (50%)
- Black (53%)



- Cyan (53%)
- Magenta (99%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77033C 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 77033C by changing the saturation by 10% instead.



 77033C

 77033C

FFFFFF

 5B0026

 B0436B

 410012

 CD5E84

 260001

 EA799E

 000000

 FF94B9

 FFB0D5

 FFCCF1

 FFE9FF

 77033C

 77033C

■ 77003A

■ 770F42

■ 771B48

■ 77274E

■ 773354

■ 773F5A

■ 774A60

■ 775666

■ 77626C

■ 776E72

# Harmonies

## Analogous

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



651A5F



77033C



751319

# Triad

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



77033C



254300



00477A

# Complementary

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



77033C



03773E

# 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.



004A5E



77033C



004713

# Square

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



77033C



493900



004A3A



003F84

# Rectangle

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



77033C



6B2300



004A3A



004872



# Sweetspot

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



77033C



9C6E85



3D0377



4F3341



CFCFCF



4F4F4F



# Same Dimension

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



77033C



9C004C



770303



3B3538



7A003C



FA007B



# Inverse Universe

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



77033C



9C004C



037777



3B3538



7A003C

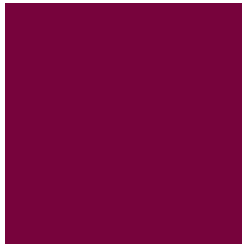


FA007B



# Previews

## White Background



This preview shows how the Hex color 77033C looks on a white background.

## Color Contrast Check

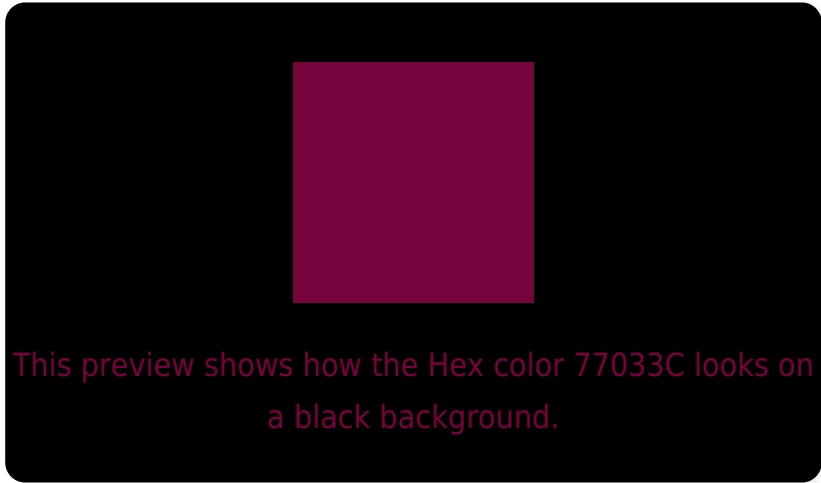
Large Text (above 18pt) WCAG AA ✓ Pass

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 77033C Background



This preview shows how black text looks on a background with the Hex color 77033C.



This preview shows how white text looks on a background with the Hex color 77033C.

# 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**  
77033C

**Protanopia**  
363D57

**Deuteranopia**  
463C37



**Tritanopia**  
751818

# Trichromacy



**Original Color**  
77033C

**Protanomaly**  
4E284D

**Deuteranomaly**  
582739

**Tritanomaly**  
761025

# Monochromacy



**Original Color**  
77033C

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
471D32

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77033C 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 #77033C looks like.

```
.text, #text, p{  
    color:#77033C  
}
```

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 #77033C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77033C
}
```

## Border

The CSS property to change the border of an element to Hex 77033C 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
#77033C }
```

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

```
.border{ border-color:#77033C }
```

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

Here you see how a box with a 4 pixel #77033C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77033C; -webkit-box-shadow:4px 4px  
4px 4px #77033C; box-shadow:4px 4px 4px  
4px #77033C }
```

# Background

The CSS property to change the background color of an element to Hex 77033C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77033C }
```

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

```
.background{ background-color:#77033C }
```

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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