

Converting Colors

Hex(77002D)

Have a look what the booklet for
Hex(77002D) contains.

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Color

Hex(77002D)

Conversions

Conversions Part 1

Format	Color
Hex	77002D
RGB	119, 0, 45
RGB Percent	47%, 0%, 18%
CMY	0.5333, 1.0000, 0.8235
CMYK	0.00, 1.00, 0.62, 0.53
HSL	337°, 100%, 23%
HSV	337°, 100%, 47%
XYZ	8.0814, 4.1114, 2.8503
YIQ	40.7110, 56.4790, 39.2230

Conversions

Conversions Part 2

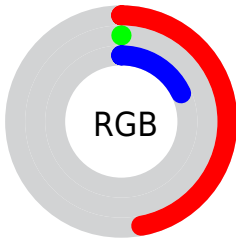
Format	Color
RYB	119, 0, 45
Decimal	7798829
CIELab	24.04, 47.29, 9.64
CIElCh	24, 48.266, 11.526
Yxy	4.1114, 0.5372, 0.2733
Android (android.graphics.Color)	4285988909 (0xFF77002D)
YUV	40.7110, 2.1145, 68.6595
Hunter-Lab	20.2766, 35.6586, 5.8593

Details

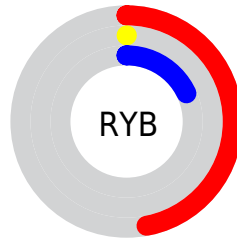
The Hex color **77002D** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **00774A**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **B1415A**, and **400000** is the 20% darker color. If you saturate the color by 10%, you get **77002D**, and if you desaturate by 10%, it is **770C34**.

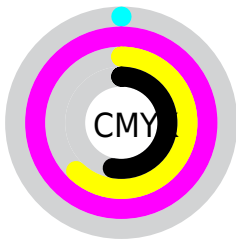
Distribution



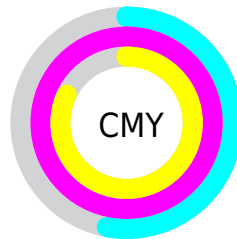
- Red (47%)
- Green (0%)
- Blue (18%)



- Red (47%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (62%)
- Black (53%)



- Cyan (53%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77002D 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 77002D by changing the saturation by 10% instead.

 77002D

 77002D

FFFFFF

 5B0019

 B1415A

 400000

 CE5C73

 230001

 EC778C

 000000

 FF92A6

 FFADC2

 FFCADD

 FFE7FA

 77002D

 770C34

 77183C

 772443

 77304B

 773B52

 774759

 775361

 775F68

 776B70

Harmonies

Analogous

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



6D0C51



77002D



6F1A08

Triad

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



77002D



0B4300



00447F

Complementary

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



77002D



00774A

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.



004869



77002D



004720

Square

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



77002D



3B3C00



004847



003981

Rectangle

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



77002D



622900



004847



004579

Sweetspot

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



77002D



9C6D7F



490077



4F333D



CFCFCF



4F4F4F

Same Dimension

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



77002D



9C003B



770E00



3B3537



7A002E



FA005F

Inverse Universe

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



77002D



9C003B



006977



3B3537



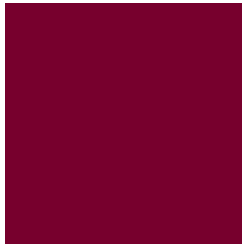
7A002E



FA005F

Previews

White Background



This preview shows how the Hex color 77002D looks on a white background.

Color Contrast Check

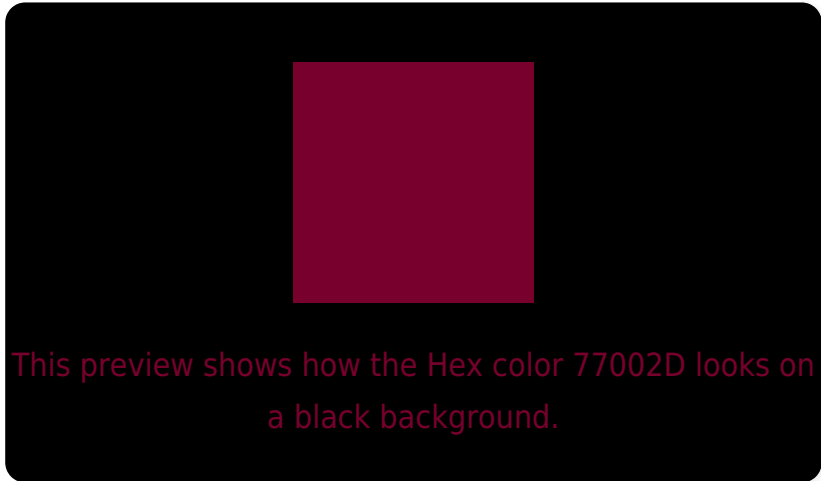
Large Text (above 18pt) WCAG AA ✓ Pass

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 77002D Background



This preview shows how black text looks on a background with the Hex color 77002D.



This preview shows how white text looks on a background with the Hex color 77002D.

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

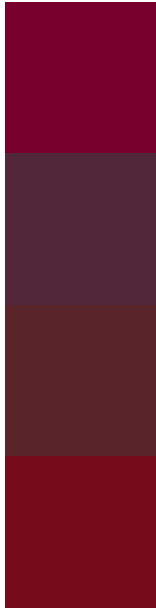


Original Color
77002D

Protanopia
3D3D42

Deuteranopia
493A28

Trichromacy



Original Color
77002D

Protanomaly
52273A

Deuteranomaly
5A252A

Tritanomaly
760B1B

Monochromacy



Original Color
77002D

Achromatopsia
292929

Achromatomaly
451A2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 77002D 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 #77002D looks like.

```
.text, #text, p{  
    color:#77002D  
}
```

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 #77002D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77002D
}
```

Border

The CSS property to change the border of an element to Hex 77002D 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".

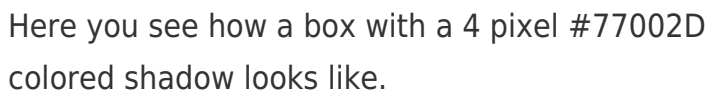
```
.border, #border, table{ border:4px solid
#77002D }
```

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

```
.border{ border-color:#77002D }
```

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

Here you see how a box with a 4 pixel #77002D colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77002D; -webkit-box-shadow:4px 4px  
4px 4px #77002D; box-shadow:4px 4px 4px  
4px #77002D }
```

Background

The CSS property to change the background color of an element to Hex 77002D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77002D }
```

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

```
.background{ background-color:#77002D }
```

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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