

Converting Colors

Hex(73002E)

Have a look what the booklet for
Hex(73002E) contains.

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Color

Hex(73002E)

Conversions

Conversions Part 1

Format	Color
Hex	73002E
RGB	115, 0, 46
RGB Percent	45%, 0%, 18%
CMY	0.5490, 1.0000, 0.8196
CMYK	0.00, 1.00, 0.60, 0.55
HSL	336°, 100%, 23%
HSV	336°, 100%, 45%
XYZ	7.5634, 3.8421, 2.9277
YIQ	39.6290, 53.7740, 38.6860

Conversions

Conversions Part 2

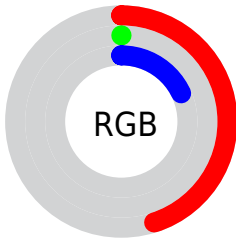
Format	Color
R_{YB}	115, 0, 46
Decimal	7536686
CIE Lab	23.14, 46.34, 7.57
CIE LCh	23, 46.958, 9.276
Yxy	3.8421, 0.5277, 0.2681
Android (android.graphics.Color)	4285726766 (0xFF73002E)
YUV	39.6290, 3.1409, 66.1004
Hunter-Lab	19.6013, 34.5741, 4.8651

Details

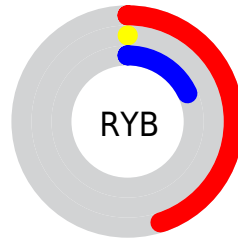
The Hex color **73002E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **007345**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **AC405B**, and **3D0001** is the 20% darker color. If you saturate the color by 10%, you get **73002E**, and if you desaturate by 10%, it is **730B35**.

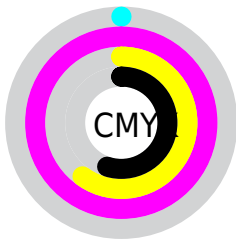
Distribution



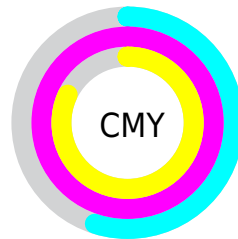
- Red (45%)
- Green (0%)
- Blue (18%)



- Red (45%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (60%)
- Black (55%)



- Cyan (55%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73002E 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 73002E by changing the saturation by 10% instead.

 73002E

 73002E

FFFFFF

 57001A

 AC405B

 3D0001

 C95B74

 1E0001

 E7758D

 000000

 FF90A8

 FFACC3

 FFC8DF

 FFE5FB

 73002E

 730B35

 73173C

 732343

 732E4A

 733A51

 734557

 73515E

 735C65

 73686C

Harmonies

Analogous

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



680F51



73002E



6C170B

Triad

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



73002E



124100



004279

Complementary

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



73002E



007345

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.



004563



73002E



00441C

Square

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



73002E



3B3900



004642



00387D

Rectangle

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



73002E



602600



004642



004374

Sweetspot

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



73002E



96697B



450073



4D313C



CCCCCC



4D4D4D

Same Dimension

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



73002E



96003C



730B00



3B3537



7A0031



FA0064

Inverse Universe

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



73002E



96003C



006773



3B3537



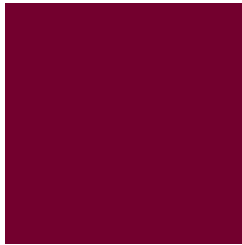
7A0031



FA0064

Previews

White Background



This preview shows how the Hex color 73002E looks on a white background.

Color Contrast Check

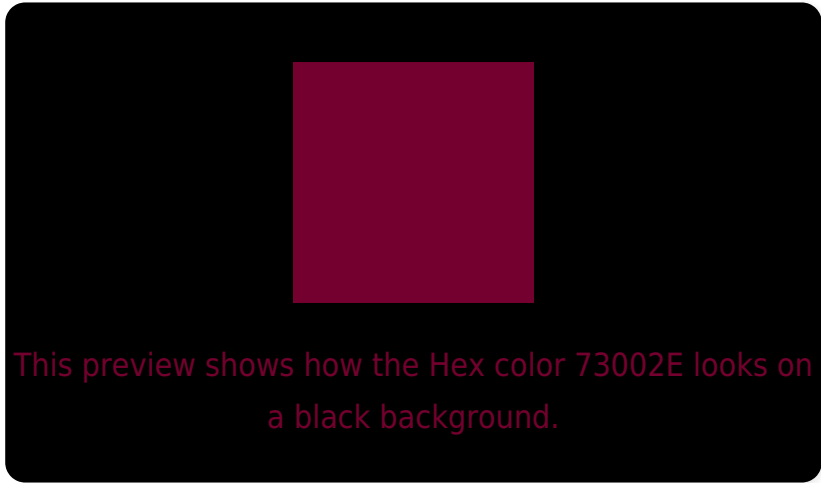
Large Text (above 18pt) WCAG AA ✓ Pass

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 73002E Background



This preview shows how black text looks on a background with the Hex color 73002E.

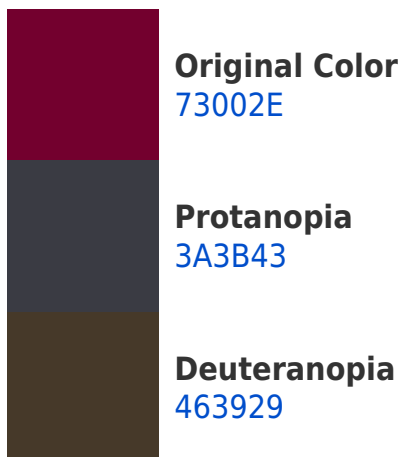


This preview shows how white text looks on a background with the Hex color 73002E.

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



Trichromacy



Original Color
73002E

Protanomaly
4F263B

Deuteranomaly
56242B

Tritanomaly
720B1C

Monochromacy



Original Color
73002E

Achromatopsia
282828

Achromatomaly
43192A

CSS Examples

Text

The CSS property to change the color of the text to Hex 73002E 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 #73002E looks like.

```
.text, #text, p{  
    color:#73002E  
}
```

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 #73002E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73002E
}
```

Border

The CSS property to change the border of an element to Hex 73002E is called "border". The border property can be set on classes, ids or directly on the HTML element.

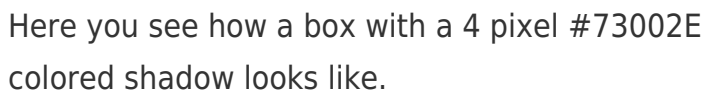
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#73002E }
```

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

```
.border{ border-color:#73002E }
```

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



Here you see how a box with a 4 pixel #73002E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73002E; -webkit-box-shadow:4px 4px  
4px 4px #73002E; box-shadow:4px 4px 4px  
4px #73002E }
```

Background

The CSS property to change the background color of an element to Hex 73002E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73002E }
```

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

```
.background{ background-color:#73002E }
```

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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