

# Converting Colors

Hex(73004E)

Have a look what the booklet for  
Hex(73004E) contains.

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**Color**

**Hex(73004E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	73004E
RGB	115, 0, 78
RGB Percent	45%, 0%, 31%
CMY	0.5490, 1.0000, 0.6941
CMYK	0.00, 1.00, 0.32, 0.55
HSL	319°, 100%, 23%
HSV	319°, 100%, 45%
XYZ	8.4454, 4.1949, 7.5723
YIQ	43.2770, 43.5020, 48.6380

# Conversions

## Conversions Part 2

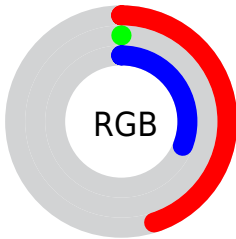
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 0, 78
Decimal	7536718
CIELab	24.31, 49.38, -12.75
CIELCh	24, 51.005, 345.519
Yxy	4.1949, 0.4178, 0.2075
Android (android.graphics.Color)	4285726798 (0xFF73004E)
YUV	43.2770, 17.1184, 62.9011
Hunter-Lab	20.4814, 37.7607, -7.5834

# Details

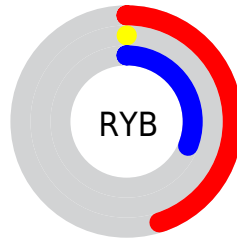
The Hex color **73004E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **007325**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **AB427F**, and **3E0022** is the 20% darker color. If you saturate the color by 10%, you get **73004E**, and if you desaturate by 10%, it is **730B52**.

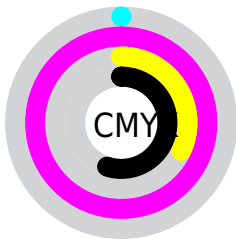
# Distribution



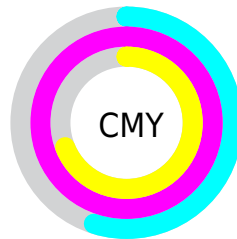
- Red (45%)
- Green (0%)
- Blue (31%)



- Red (45%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (32%)
- Black (55%)



- Cyan (55%)
- Magenta (100%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73004E 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 73004E by changing the saturation by 10% instead.



 73004E

 73004E

FFFFFF

 580037

 AB427F

 3E0022

 C75D99

 250008

 E577B4

 000000

 FF93CF

 FFAEEC

 FFCBFF

 FFE8FF

 73004E

■ 730B52

■ 731755

■ 732359

■ 732E5D

■ 733A61

■ 734564

■ 735168

■ 735C6C

■ 73686F

# Harmonies

## Analogous

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



522370



73004E



7B0028

# Triad

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



73004E



363E00



004970

# Complementary

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



73004E



007325

# 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.



004A4D



73004E



004500

# Square

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



73004E



573100



004825



004485

# Rectangle

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



73004E



75110F



004825



004966



# Sweetspot

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



73004E



966988



240073



4D3144



CCCCCC



4D4D4D



# Same Dimension

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



73004E



960066



730015



3B3539



7A0053



FA00A9



# Inverse Universe

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



73004E



960066



00735E



3B3539



7A0053



FA00A9



# Previews

## White Background



This preview shows how the Hex color 73004E looks on a white background.

## Color Contrast Check

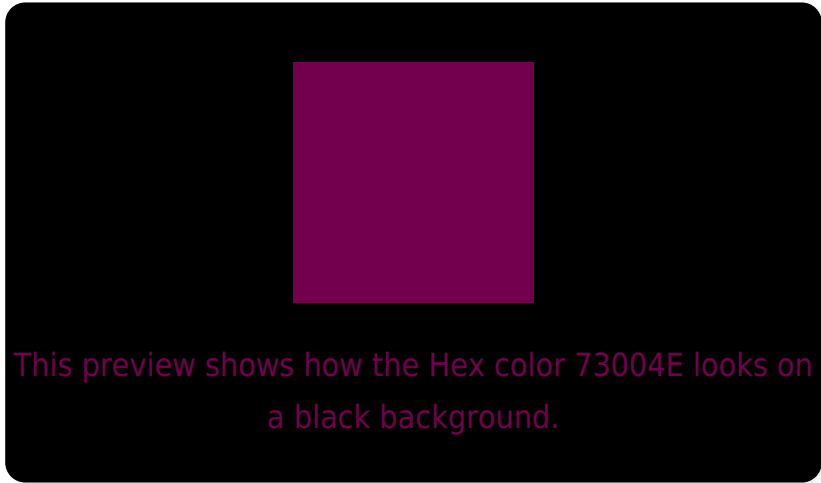
Large Text (above 18pt) WCAG AA ✓ Pass

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

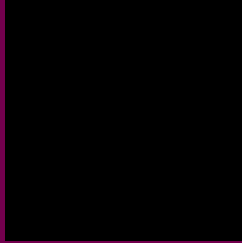
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 73004E Background



This preview shows how black text looks on a background with the Hex color 73004E.



This preview shows how white text looks on a background with the Hex color 73004E.

# 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**  
701F20

# Trichromacy



**Original Color**  
73004E

**Protanomaly**  
412663

**Deuteranomaly**  
51264B

**Tritanomaly**  
711431

# Monochromacy



**Original Color**  
73004E

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
451B38

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73004E 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 #73004E looks like.

```
.text, #text, p{  
    color:#73004E  
}
```

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 #73004E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73004E
}
```

## Border

The CSS property to change the border of an element to Hex 73004E is called "border". The border property can be set on classes, ids or directly on the HTML element.

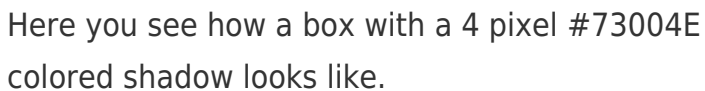
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#73004E }
```

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

```
.border{ border-color:#73004E }
```

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



Here you see how a box with a 4 pixel #73004E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73004E; -webkit-box-shadow:4px 4px  
4px 4px #73004E; box-shadow:4px 4px 4px  
4px #73004E }
```

# Background

The CSS property to change the background color of an element to Hex 73004E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73004E }
```

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

```
.background{ background-color:#73004E }
```

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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