

# Converting Colors

Hex(73274C)

Have a look what the booklet for  
Hex(73274C) contains.

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**Color**

**Hex(73274C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73274C
RGB	115, 39, 76
RGB Percent	45%, 15%, 30%
CMY	0.5490, 0.8471, 0.7020
CMYK	0.00, 0.66, 0.34, 0.55
HSL	331°, 49%, 30%
HSV	331°, 66%, 45%
XYZ	9.1003, 5.6177, 7.4422
YIQ	65.9420, 33.4190, 27.6190

# Conversions

## Conversions Part 2

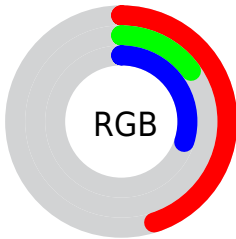
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 39, 76
Decimal	7546700
CIE <sub>Lab</sub>	28.43, 37.25, -5.18
CIE <sub>LCh</sub>	28, 37.603, 352.089
Yxy	5.6177, 0.4107, 0.2535
Android (android.graphics.Color)	4285736780 (0xFF73274C)
YUV	65.9420, 4.9586, 43.0239
Hunter-Lab	23.7016, 27.0573, -2.0255

# Details

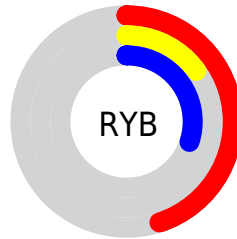
The Hex color **73274C** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **27734E**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **AA597D**, and **3F0020** is the 20% darker color. If you saturate the color by 10%, you get **731C46**, and if you desaturate by 10%, it is **733352**.

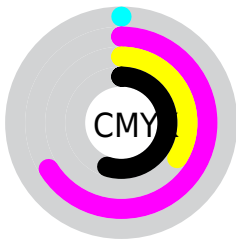
# Distribution



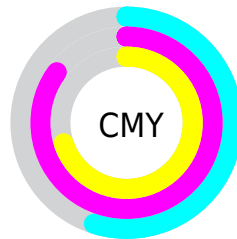
- Red (45%)
- Green (15%)
- Blue (30%)



- Red (45%)
- Yellow (15%)
- Blue (30%)



- Cyan (0%)
- Magenta (66%)
- Yellow (34%)
- Black (55%)



- Cyan (55%)
- Magenta (85%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73274C 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 73274C by changing the saturation by 10% instead.



 73274C

 73274C

FFFFFF

 590B35

 AA597D

 3F0020

 C67397

 2A0007

 E38DB1

 000000

 FFA8CD

 FFC4E9

 FFE0FF

 FFFDFD

 73274C

 73274C

731C46

733352

731040

733E58

73053A

734A5E

730038

735564

73616A

736C6F

737875

73837B

738F81

# Harmonies

## Analogous

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



5E3167



73274C



77282F

# Triad

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



73274C



3D4805



004E70

# Complementary

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



73274C



27734E

# 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.



005158



73274C



154D1D

# Square

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



73274C



583F02



00503A



00497D

# Rectangle

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



73274C



712F1D



00503A



004F69



# Sweetspot

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



73274C



967887



4D2773



4D3A43



CCCCCC



4D4D4D



# Same Dimension

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



73274C



962059



732727



3B3538



7A003C



FA007A



# Inverse Universe

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



73274C



962059



277373



3B3538



7A003C

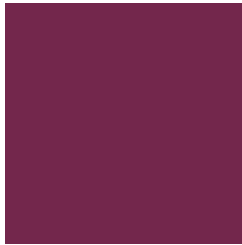


FA007A



# Previews

## White Background



This preview shows how the Hex color 73274C looks on a white background.

## Color Contrast Check

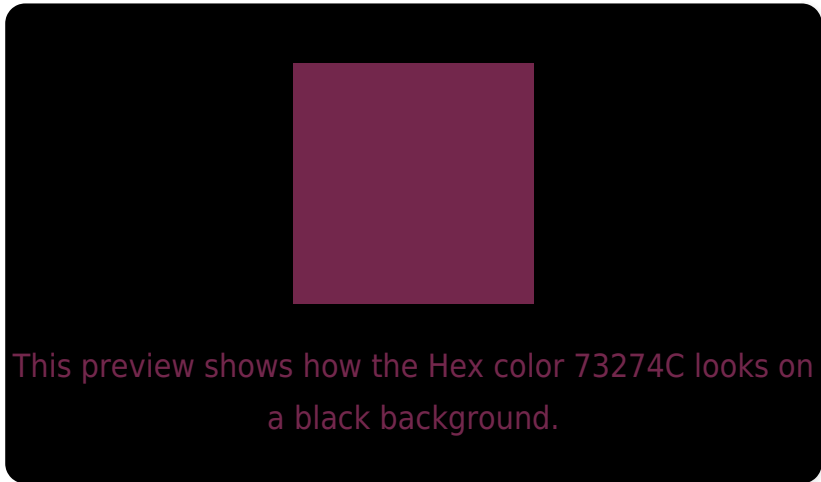
Large Text (above 18pt) WCAG AA ✓ Pass

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

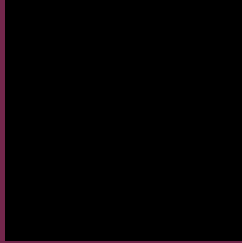
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 73274C Background



This preview shows how black text looks on a background with the Hex color 73274C.



This preview shows how white text looks on a background with the Hex color 73274C.

# 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**  
73274C

**Protanopia**  
3C435F

**Deuteranopia**  
494248



**Tritanopia**  
712E30

# Trichromacy



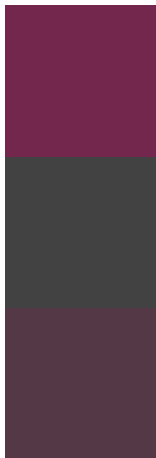
**Original Color**  
73274C

**Protanomaly**  
503958

**Deuteranomaly**  
583849

**Tritanomaly**  
722B3A

# Monochromacy



**Original Color**  
73274C

**Achromatopsia**  
424242

**Achromatomaly**  
543846

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73274C 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 #73274C looks like.

```
.text, #text, p{  
    color:#73274C  
}
```

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 #73274C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73274C
}
```

## Border

The CSS property to change the border of an element to Hex 73274C is called "border". The border property can be set on classes, ids or directly on the HTML element.

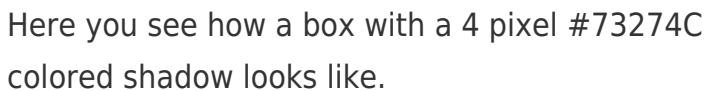
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#73274C }
```

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

```
.border{ border-color:#73274C }
```

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



Here you see how a box with a 4 pixel #73274C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73274C; -webkit-box-shadow:4px 4px  
4px 4px #73274C; box-shadow:4px 4px 4px  
4px #73274C }
```

# Background

The CSS property to change the background color of an element to Hex 73274C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73274C }
```

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

```
.background{ background-color:#73274C }
```

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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