

# Converting Colors

Hex(73174F)

Have a look what the booklet for  
Hex(73174F) contains.

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# Color

**Hex(73174F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	73174F
RGB	115, 23, 79
RGB Percent	45%, 9%, 31%
CMY	0.5490, 0.9098, 0.6902
CMYK	0.00, 0.80, 0.31, 0.55
HSL	323°, 67%, 27%
HSV	323°, 80%, 45%
XYZ	8.7879, 4.8221, 7.8647
YIQ	56.8920, 36.8560, 36.9200

# Conversions

## Conversions Part 2

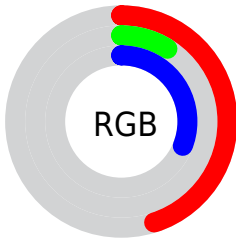
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 23, 79
Decimal	7542607
CIELab	26.22, 44.10, -10.50
CIElCh	26, 45.333, 346.613
Yxy	4.8221, 0.4092, 0.2245
Android (android.graphics.Color)	4285732687 (0xFF73174F)
YUV	56.8920, 10.8992, 50.9607
Hunter-Lab	21.9594, 33.0049, -5.8631

# Details

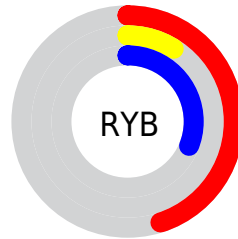
The Hex color **73174F** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **17733B**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **AA4D80**, and **3F0023** is the 20% darker color. If you saturate the color by 10%, you get **730B4A**, and if you desaturate by 10%, it is **732353**.

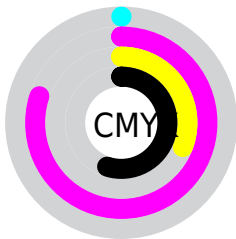
# Distribution



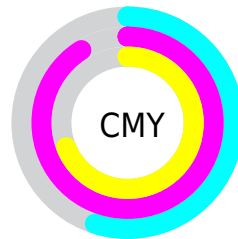
- Red (45%)
- Green (9%)
- Blue (31%)



- Red (45%)
- Yellow (9%)
- Blue (31%)



- Cyan (0%)
- Magenta (80%)
- Yellow (31%)
- Black (55%)



- Cyan (55%)
- Magenta (91%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73174F 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 73174F by changing the saturation by 10% instead.



73174F

73174F

FFFFFF

580038

AA4D80

3F0023

C7679A

27000B

E482B5

000000

FF9DD1

FFB8ED

FFD5FF

FFF2FF

73174F

73174F

 730B4A

 732353

 730046

 732E58

 733A5C

 734561

 735165

 735C6A

 73686E

 737373

 737F78

# Harmonies

## Analogous

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



572A6E



73174F



7A152D

# Triad

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



73174F



3B4200



004C70

# Complementary

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



73174F



17733B

# 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.



004D51



73174F



084906

# Square

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



73174F



5A3700



004C2D



004782

# Rectangle

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



73174F



742017



004C2D



004D67



# Sweetspot

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



73174F



967288



3A1773



4D3644



CCCCCC



4D4D4D



# Same Dimension

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



73174F



96065E



731722



3B3538



7A004B



FA0098



# Inverse Universe

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



73174F



96065E



177368



3B3538



7A004B

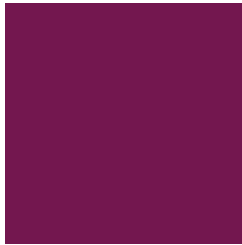


FA0098



# Previews

## White Background



This preview shows how the Hex color 73174F looks on a white background.

## Color Contrast Check

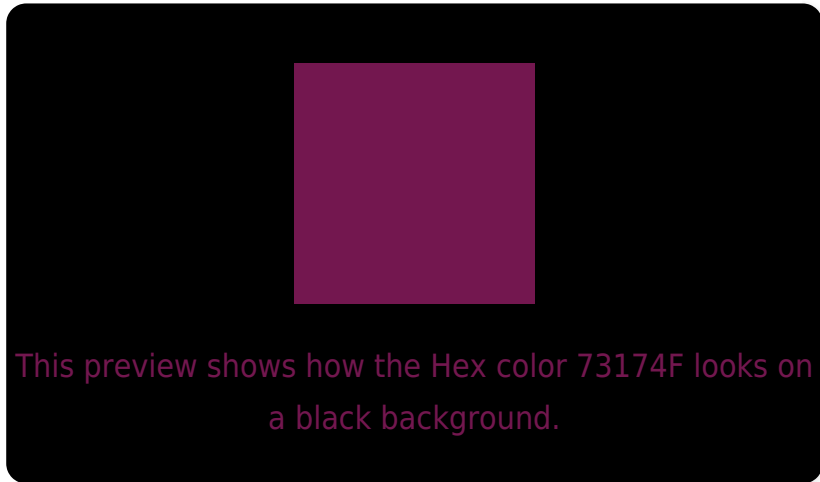
Large Text (above 18pt) WCAG AA ✓ Pass

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

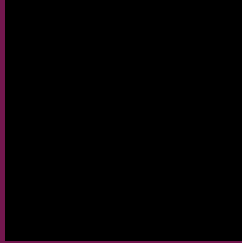
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 73174F Background



This preview shows how black text looks on a background with the Hex color 73174F.

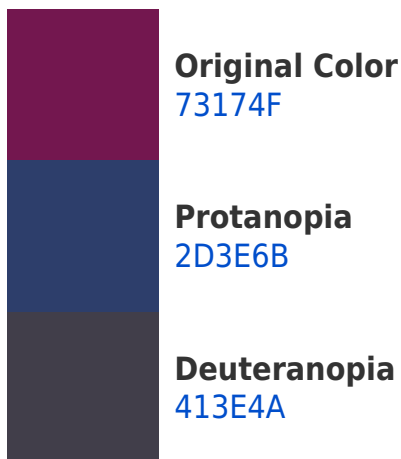


This preview shows how white text looks on a background with the Hex color 73174F.

# 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**  
73174F

**Protanomaly**  
463061

**Deuteranomaly**  
53304C

**Tritanomaly**  
712036

# Monochromacy



**Original Color**  
73174F

**Achromatopsia**  
393939

**Achromatomaly**  
4E2D41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73174F 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 #73174F looks like.

```
.text, #text, p{  
    color:#73174F  
}
```

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 #73174F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73174F
}
```

## Border

The CSS property to change the border of an element to Hex 73174F is called "border". The border property can be set on classes, ids or directly on the HTML element.

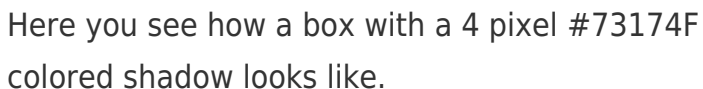
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#73174F }
```

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

```
.border{ border-color:#73174F }
```

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



Here you see how a box with a 4 pixel #73174F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73174F; -webkit-box-shadow:4px 4px  
4px 4px #73174F; box-shadow:4px 4px 4px  
4px #73174F }
```

# Background

The CSS property to change the background color of an element to Hex 73174F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73174F }
```

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

```
.background{ background-color:#73174F }
```

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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