

# Converting Colors

Hex(74047F)

Have a look what the booklet for  
Hex(74047F) contains.

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**Color**

**Hex(74047F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	74047F
RGB	116, 4, 127
RGB Percent	45%, 2%, 50%
CMY	0.5451, 0.9843, 0.5020
CMYK	0.09, 0.97, 0.00, 0.50
HSL	295°, 94%, 26%
HSV	295°, 97%, 50%
XYZ	11.0766, 5.3321, 20.5241
YIQ	51.5100, 27.2690, 61.9970

# Conversions

## Conversions Part 2

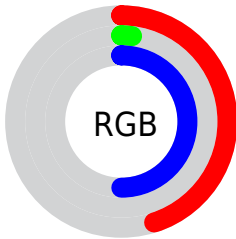
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 4, 127
Decimal	7603327
CIE <sub>Lab</sub>	27.66, 56.03, -39.40
CIE <sub>LCh</sub>	28, 68.497, 324.889
Yxy	5.3321, 0.2999, 0.1444
Android (android.graphics.Color)	4285793407 (0xFF74047F)
YUV	51.5100, 37.2166, 56.5577
Hunter-Lab	23.0914, 45.2140, -36.5340

# Details

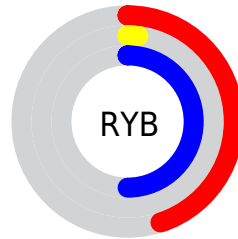
The Hex color **74047F** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **0F7F04**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **AB47B4**, and **3F004D** is the 20% darker color. If you saturate the color by 10%, you get **74007F**, and if you desaturate by 10%, it is **75117F**.

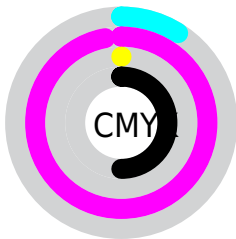
# Distribution



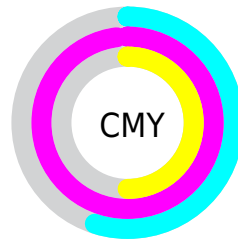
- Red (45%)
- Green (2%)
- Blue (50%)



- Red (45%)
- Yellow (2%)
- Blue (50%)



- Cyan (9%)
- Magenta (97%)
- Yellow (0%)
- Black (50%)



- Cyan (55%)
- Magenta (98%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74047F 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 74047F by changing the saturation by 10% instead.





74047F



74047F

FFFFFF



590066



AB47B4



3F004D



C862D0



270036



E57DED



00001F



FF99FF



000002



FFB5FF



000000



FFD1FF



FFEEFF



74047F



74047F

■ 74007F

■ 75117F

■ 761D7F

■ 772A7F

■ 79377F

■ 7A447F

■ 7B507F

■ 7C5D7F

■ 7D6A7F

■ 7E767F

# Harmonies

## Analogous

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



0038A3



74047F



94004D

# Triad

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



74047F



593D00



00556D

# Complementary

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



74047F



0F7F04

# 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.



005436



74047F



244B00

# Square

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



74047F



7E1E00



005100



005498

# Rectangle

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



74047F



97002B



005100



00555B



# Sweetspot

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



74047F



A176A6



04107F



523754



D4D4D4



545454



# Same Dimension

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



74047F



9700A6



7F044E



3F3940



740080



000000



# Inverse Universe

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



7F040F



A6000F



047F35



40393A



80000B



000000



# Previews

## White Background



This preview shows how the Hex color 74047F looks on a white background.

## Color Contrast Check

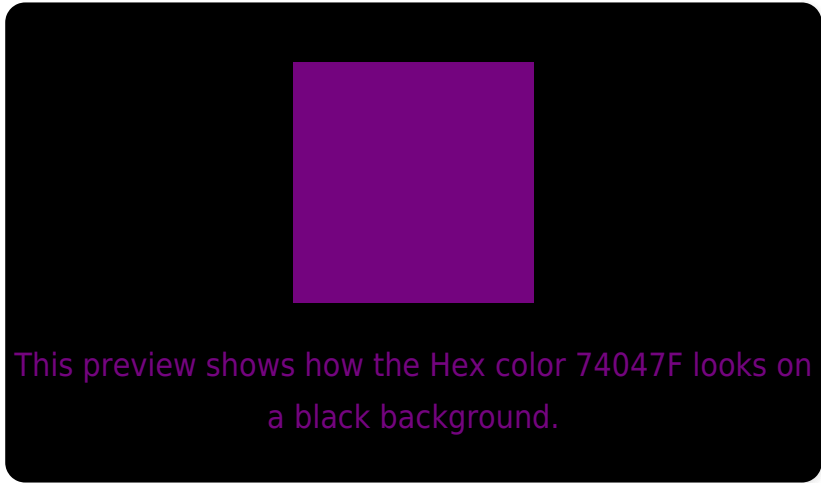
Large Text (above 18pt) WCAG AA ✓ Pass

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

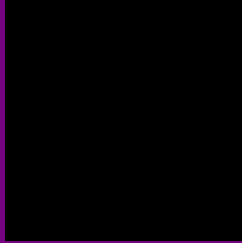
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 74047F Background



This preview shows how black text looks on a background with the Hex color 74047F.



This preview shows how white text looks on a background with the Hex color 74047F.

# 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**  
74047F

**Protanopia**  
00428B

**Deuteranopia**  
194577



**Tritanopia**  
6B3235

# Trichromacy



**Original Color**  
74047F

**Protanomaly**  
2A2B87

**Deuteranomaly**  
3A2D7A

**Tritanomaly**  
6E2150

# Monochromacy



**Original Color**  
74047F

**Achromatopsia**  
343434

**Achromatomaly**  
4B234F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74047F 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 #74047F looks like.

```
.text, #text, p{  
    color:#74047F  
}
```

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 #74047F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74047F
}
```

## Border

The CSS property to change the border of an element to Hex 74047F is called "border". The border property can be set on classes, ids or directly on the HTML element.

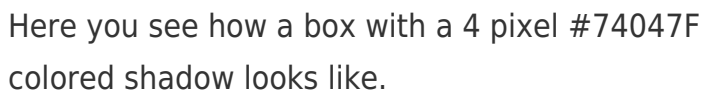
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#74047F }
```

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

```
.border{ border-color:#74047F }
```

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



Here you see how a box with a 4 pixel #74047F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74047F; -webkit-box-shadow:4px 4px  
4px 4px #74047F; box-shadow:4px 4px 4px  
4px #74047F }
```

# Background

The CSS property to change the background color of an element to Hex 74047F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74047F }
```

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

```
.background{ background-color:#74047F }
```

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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