

# Converting Colors

Hex(47004F)

Have a look what the booklet for  
Hex(47004F) contains.

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# Color

**Hex(47004F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	47004F
RGB	71, 0, 79
RGB Percent	28%, 0%, 31%
CMY	0.7216, 1.0000, 0.6902
CMYK	0.10, 1.00, 0.00, 0.69
HSL	294°, 100%, 15%
HSV	294°, 100%, 31%
XYZ	4.0098, 1.9041, 7.5533
YIQ	30.2350, 16.9570, 39.6210

# Conversions

## Conversions Part 2

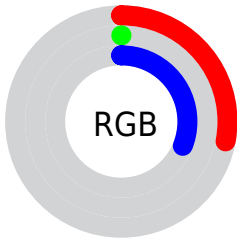
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	71, 0, 79
Decimal	4653135
CIE Lab	14.98, 40.54, -28.77
CIE LCh	15, 49.715, 324.639
Yxy	1.9041, 0.2977, 0.1414
Android (android.graphics.Color)	4282843215 (0xFF47004F)
YUV	30.2350, 24.0411, 35.7509
Hunter-Lab	13.7989, 27.7220, -22.7952

# Details

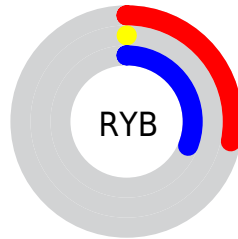
The Hex color **47004F** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **084F00**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **7A3781**, and **150022** is the 20% darker color. If you saturate the color by 10%, you get **47004F**, and if you desaturate by 10%, it is **48084F**.

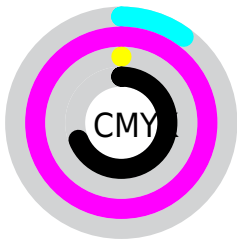
# Distribution



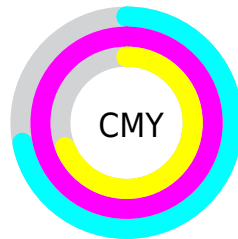
- Red (28%)
- Green (0%)
- Blue (31%)



- Red (28%)
- Yellow (0%)
- Blue (31%)



- Cyan (10%)
- Magenta (100%)
- Yellow (0%)
- Black (69%)



- Cyan (72%)
- Magenta (100%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 47004F 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 47004F by changing the saturation by 10% instead.



 47004F

 47004F

 FFF3FF

 2F0038

 7A3781

 150022

 95509B

 000007

 B16AB6

 000000

 CD84D2

 EA9EEE

 FFBAFF

 FFD6FF

 47004F

■ 48084F

■ 49104F

■ 49184F

■ 4A204F

■ 4B284F

■ 4C2F4F

■ 4D374F

■ 4D3F4F

■ 4E474F

# Harmonies

## Analogous

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



002067



47004F



5D002E

# Triad

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



47004F



352200



003342

# Complementary

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



47004F



084F00

# 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.



00331E



47004F



122C00

# Square

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



47004F



4E0E00



003000



003260

# Rectangle

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



47004F



5F0017



003000



003337



# Sweetspot

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



47004F



634766



00094F



312133



B3B3B3



333333



# Same Dimension

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



47004F



5C0066



4F0031



262226



CE00E6

# Inverse Universe

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



4F0008



66000A



004F1E



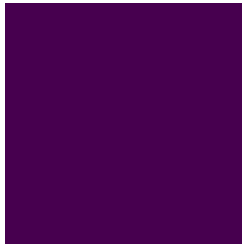
262223



E60017

# Previews

## White Background



This preview shows how the Hex color 47004F looks on a white background.

## Color Contrast Check

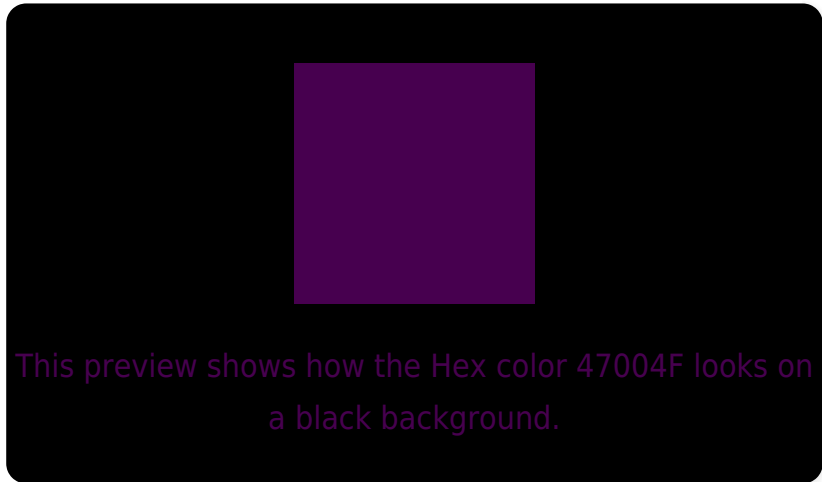
Large Text (above 18pt) WCAG AA ✓ Pass

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

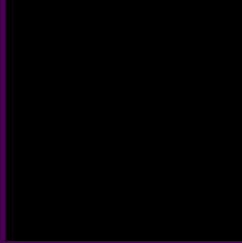
Any Text WCAG AA × Fail

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 47004F Background



This preview shows how black text looks on a background with the Hex color 47004F.



This preview shows how white text looks on a background with the Hex color 47004F.

# 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**  
47004F

**Protanopia**  
002855

**Deuteranopia**  
0C2B4A





**Tritanopia**  
411F21

# Trichromacy



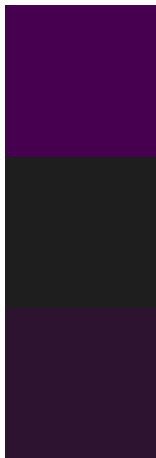
**Original Color**  
47004F

**Protanomaly**  
1A1953

**Deuteranomaly**  
211B4C

**Tritanomaly**  
431432

# Monochromacy



**Original Color**  
47004F

**Achromatopsia**  
1E1E1E

**Achromatomaly**  
2D1330

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 47004F 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 #47004F looks like.

```
.text, #text, p{  
    color:#47004F  
}
```

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 #47004F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47004F
}
```

## Border

The CSS property to change the border of an element to Hex 47004F is called "border". The border property can be set on classes, ids or directly on the HTML element.

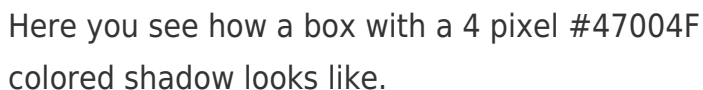
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#47004F }
```

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

```
.border{ border-color:#47004F }
```

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



Here you see how a box with a 4 pixel #47004F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47004F; -webkit-box-shadow:4px 4px  
4px 4px #47004F; box-shadow:4px 4px 4px  
4px #47004F }
```

# Background

The CSS property to change the background color of an element to Hex 47004F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47004F }
```

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

```
.background{ background-color:#47004F }
```

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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