

# Converting Colors

Hex(4F0E7A)

Have a look what the booklet for  
Hex(4F0E7A) contains.

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# Color

**Hex(4F0E7A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F0E7A
RGB	79, 14, 122
RGB Percent	31%, 5%, 48%
CMY	0.6902, 0.9451, 0.5216
CMYK	0.35, 0.89, 0.00, 0.52
HSL	276°, 79%, 27%
HSV	276°, 89%, 48%
XYZ	6.8943, 3.3815, 18.7017
YIQ	45.7470, 4.0720, 47.3680

# Conversions

## Conversions Part 2

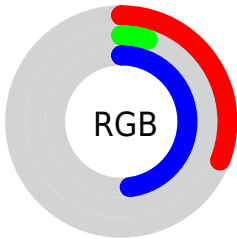
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	79, 14, 122
Decimal	5181050
CIE Lab	21.51, 46.84, -46.50
CIE LCh	22, 66.000, 315.207
Yxy	3.3815, 0.2379, 0.1167
Android (android.graphics.Color)	4283371130 (0xFF4F0E7A)
YUV	45.7470, 37.5927, 29.1629
Hunter-Lab	18.3888, 34.7429, -47.4266




# Details

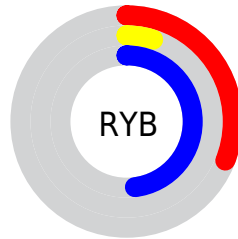
The Hex color **4F0E7A** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **397A0E**, and the grayscale version is **2D2D2D**.




A 20% lighter version of the original color is **8544AF**, and **1C0048** is the 20% darker color. If you saturate the color by 10%, you get **4A027A**, and if you desaturate by 10%, it is **541A7A**.

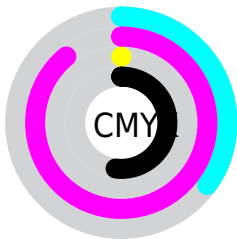
# Distribution







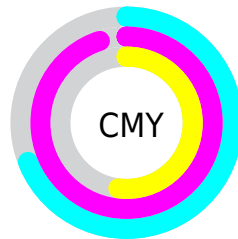
-  Red (31%)
-  Green (5%)
-  Blue (48%)






-  Red (31%)
-  Yellow (5%)
-  Blue (48%)



-  Cyan (35%)
-  Magenta (89%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (69%)
-  Magenta (95%)
-  Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F0E7A 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 4F0E7A by changing the saturation by 10% instead.



 4F0E7A

 4F0E7A


FFFFFF

 340061

 8544AF

 1C0048

 A05DCB

 000031

 BD77E8

 00011B

 D992FF

 000000

 F7ADFF

 FFC9FF

 FFE6FF

 4F0E7A

 4F0E7A

■ 4A027A

■ 541A7A

■ 49007A

■ 59267A

■ 5E337A

■ 623F7A

■ 674B7A

■ 6C577A

■ 71637A

■ 76707A

■ 7B7C7A

# Harmonies

## Analogous

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



003395



4F0E7A



7A004E

# Triad

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



4F0E7A



542800



00454C

# Complementary

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



4F0E7A



397A0E

# 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.



004418



4F0E7A



293900

# Square

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



4F0E7A



730000



004100



00457A

# Rectangle

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



4F0E7A



82002E



004100



00453B



# Sweetspot

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



4F0E7A



8D739E



0E397A



45364F



CFCFCF



4F4F4F



# Same Dimension

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



4F0E7A



5F009E



7A0E6F



3B373D



4B007D



9800FC



# Inverse Universe

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



7A0E39



9E003F



0E7A19



3D373A



7D0032

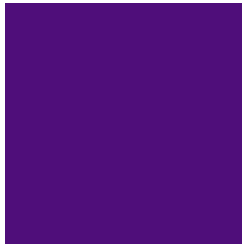


FC0065



# Previews

## White Background



This preview shows how the Hex color 4F0E7A looks on a white background.

## Color Contrast Check

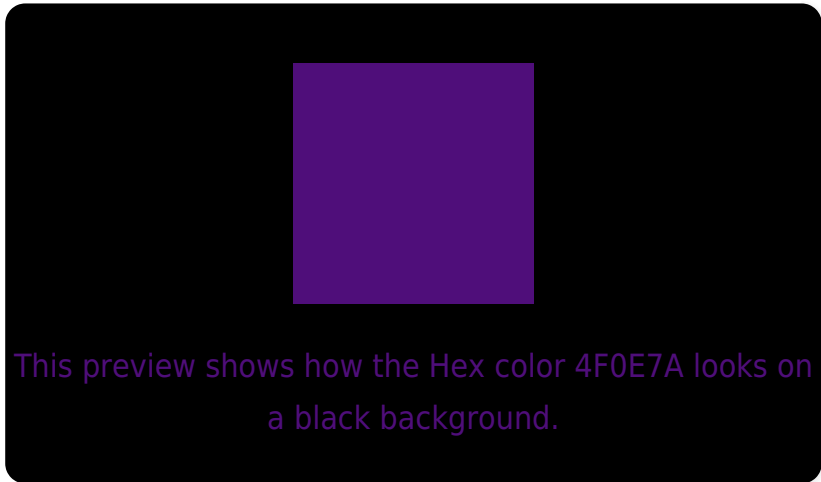
Large Text (above 18pt) WCAG AA ✓ Pass

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

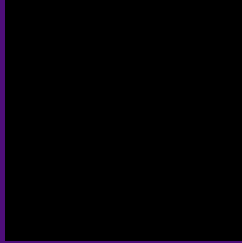
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F0E7A Background



This preview shows how black text looks on a background with the Hex color 4F0E7A.



This preview shows how white text looks on a background with the Hex color 4F0E7A.

# 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**  
4F0E7A

**Protanopia**  
00346D

**Deuteranopia**  
00375E



**Tritanopia**  
423135

# Trichromacy



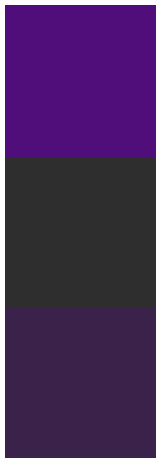
**Original Color**  
4F0E7A

**Protanomaly**  
1D2672

**Deuteranomaly**  
1D2868

**Tritanomaly**  
47244E

# Monochromacy



**Original Color**  
4F0E7A

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
3A224A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F0E7A 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 #4F0E7A looks like.

```
.text, #text, p{  
    color:#4F0E7A  
}
```

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 #4F0E7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F0E7A
}
```

## Border

The CSS property to change the border of an element to Hex 4F0E7A is called "border". The border property can be set on classes, ids or directly on the HTML element.

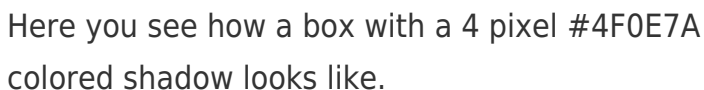
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F0E7A }
```

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

```
.border{ border-color:#4F0E7A }
```

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



Here you see how a box with a 4 pixel #4F0E7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F0E7A; -webkit-box-shadow:4px 4px  
4px 4px #4F0E7A; box-shadow:4px 4px 4px  
4px #4F0E7A }
```

# Background

The CSS property to change the background color of an element to Hex 4F0E7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F0E7A }
```

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

```
.background{ background-color:#4F0E7A }
```

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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