

Converting Colors

Hex(4F007C)

Have a look what the booklet for
Hex(4F007C) contains.

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Color

Hex(4F007C)

Conversions

Conversions Part 1

Format	Color
Hex	4F007C
RGB	79, 0, 124
RGB Percent	31%, 0%, 49%
CMY	0.6902, 1.0000, 0.5137
CMYK	0.36, 1.00, 0.00, 0.51
HSL	278°, 100%, 24%
HSV	278°, 100%, 49%
XYZ	6.8625, 3.1175, 19.3088
YIQ	37.7570, 7.2800, 55.3120

Conversions

Conversions Part 2

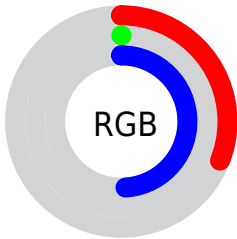
Format	Color
R_{YB}	79, 0, 124
Decimal	5177468
CIE _{Lab}	20.51, 50.84, -49.42
CIE _{LCh}	21, 70.899, 315.811
Yxy	3.1175, 0.2343, 0.1064
Android (android.graphics.Color)	4283367548 (0xFF4F007C)
YUV	37.7570, 42.5178, 36.1701
Hunter-Lab	17.6564, 38.4789, -52.4791

Details

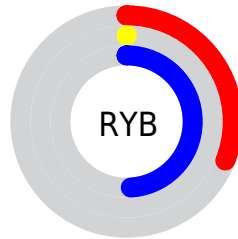
The Hex color **4F007C** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **2D7C00**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **853DB2**, and **1C004A** is the 20% darker color. If you saturate the color by 10%, you get **4F007C**, and if you desaturate by 10%, it is **530C7C**.

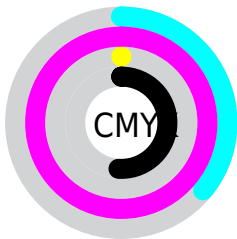
Distribution



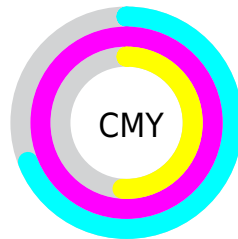
- Red (31%)
- Green (0%)
- Blue (49%)



- Red (31%)
- Yellow (0%)
- Blue (49%)



- Cyan (36%)
- Magenta (100%)
- Yellow (0%)
- Black (51%)



- Cyan (69%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F007C 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 4F007C by changing the saturation by 10% instead.

 4F007C

 4F007C

 FFFDFF

 340062

 853DB2

 1C004A

 A157CD

 000032

 BE71EA

 00021C

 DB8CFF

 000000

 F8A7FF

 FFC3FF

 FFE0FF

 4F007C

■ 530C7C

■ 58197C

■ 5C257C

■ 61327C

■ 653E7C

■ 6A4A7C

■ 6E577C

■ 73637C

■ 77707C

Harmonies

Analogous

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



003199



4F007C



7C004C

Triad

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



4F007C



522600



00434D

Complementary

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



4F007C



2D7C00

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.



004215



4F007C



233800

Square

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



4F007C



730000



003F00



00447D

Rectangle

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



4F007C



84002A



003F00



00433B

Sweetspot

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



4F007C



8F70A1



002D7C



473452



D1D1D1



525252

Same Dimension

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



4F007C



6600A1



7C006B



3B373D



50007D



A100FC

Inverse Universe

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



7C002D



A1003A



007C11



3D3739



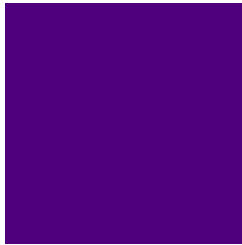
7D002D



FC005C

Previews

White Background



This preview shows how the Hex color 4F007C looks on a white background.

Color Contrast Check

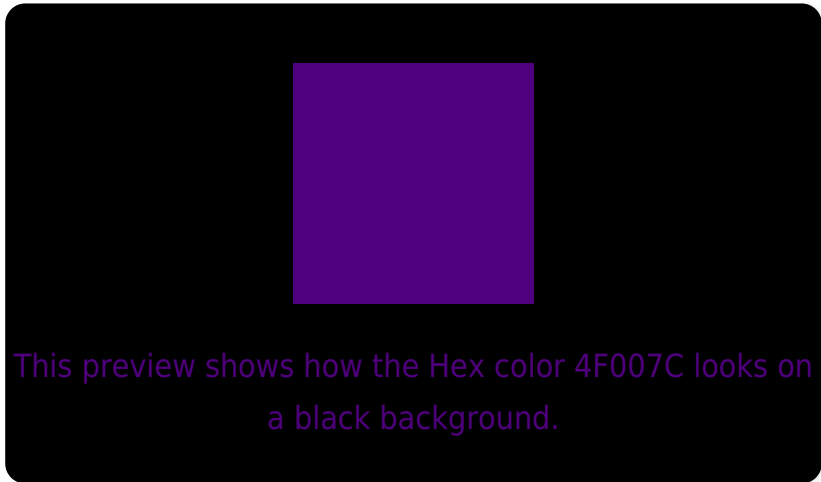
Large Text (above 18pt) WCAG AA ✓ Pass

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

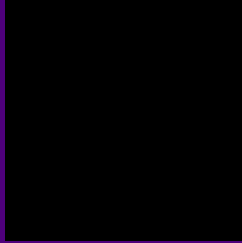
Any Text WCAG AA × Fail

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 4F007C Background



This preview shows how black text looks on a background with the Hex color 4F007C.



This preview shows how white text looks on a background with the Hex color 4F007C.

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](#).

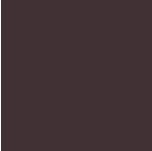
Dichromacy



Original Color
4F007C

Protanopia
00336C

Deuteranopia
00375D



Tritanopia
413034

Trichromacy



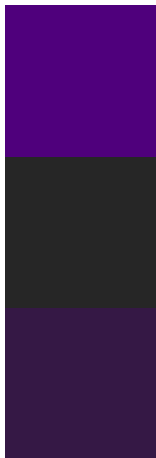
Original Color
4F007C

Protanomaly
1D2072

Deuteranomaly
1D2368

Tritanomaly
461F4E

Monochromacy



Original Color
4F007C

Achromatopsia
262626

Achromatomaly
351845

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F007C 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 #4F007C looks like.

```
.text, #text, p{  
    color:#4F007C  
}
```

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 #4F007C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F007C
}
```

Border

The CSS property to change the border of an element to Hex 4F007C is called "border". The border property can be set on classes, ids or directly on the HTML element.

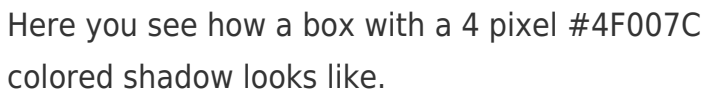
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F007C }
```

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

```
.border{ border-color:#4F007C }
```

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



Here you see how a box with a 4 pixel #4F007C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F007C; -webkit-box-shadow:4px 4px  
4px 4px #4F007C; box-shadow:4px 4px 4px  
4px #4F007C }
```

Background

The CSS property to change the background color of an element to Hex 4F007C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F007C }
```

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

```
.background{ background-color:#4F007C }
```

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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