

Converting Colors

Hex(74247F)

Have a look what the booklet for
Hex(74247F) contains.

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Color

Hex(74247F)

Conversions

Conversions Part 1

Format	Color
Hex	74247F
RGB	116, 36, 127
RGB Percent	45%, 14%, 50%
CMY	0.5451, 0.8588, 0.5020
CMYK	0.09, 0.72, 0.00, 0.50
HSL	293°, 56%, 32%
HSV	293°, 72%, 50%
XYZ	11.6641, 6.5071, 20.7199
YIQ	70.2940, 18.4690, 45.2610

Conversions

Conversions Part 2

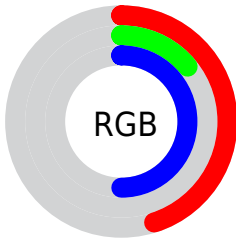
Format	Color
R_{YB}	116, 36, 127
Decimal	7611519
CIE _{Lab}	30.66, 47.36, -34.59
CIE _{LCh}	31, 58.650, 323.855
Yxy	6.5071, 0.2999, 0.1673
Android (android.graphics.Color)	4285801599 (0xFF74247F)
YUV	70.2940, 27.9561, 40.0842
Hunter-Lab	25.5089, 36.9794, -30.3026

Details

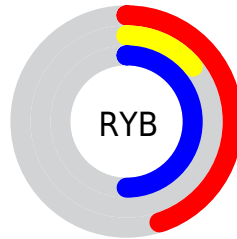
The Hex color **74247F** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2F7F24**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **AB58B4**, and **40004D** is the 20% darker color. If you saturate the color by 10%, you get **72177F**, and if you desaturate by 10%, it is **76317F**.

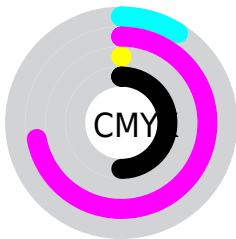
Distribution



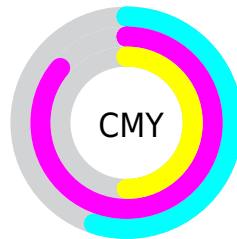
- Red (45%)
- Green (14%)
- Blue (50%)



- Red (45%)
- Yellow (14%)
- Blue (50%)



- Cyan (9%)
- Magenta (72%)
- Yellow (0%)
- Black (50%)



- Cyan (55%)
- Magenta (86%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74247F 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 74247F by changing the saturation by 10% instead.

74247F

74247F

FFFFFF

5A0266

AB58B4

40004D

C773D0

2A0036

E48DEC

000020

FFA9FF

000003

FFC5FF

000000

FFE1FF

FFFEFF

74247F

74247F

72177F

76317F

710B7F

773D7F

70007F

794A7F

7A577F

7C647F

7D707F

7F7D7F

808A7F

82967F

Harmonies

Analogous

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



23409D



74247F



920054

Triad

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



74247F



614300



005B6C

Complementary

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



74247F



2F7F24

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.



005A3D



74247F



365000

Square

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



74247F



812D00



005707



005992

Rectangle

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



74247F



960035



005707



005B5D

Sweetspot

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



74247F



A283A6



24307F



523F54



D4D4D4



545454

Same Dimension

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



74247F



9517A6



7F245E



3F3940



700080



000000

Inverse Universe

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



7F242F



A61728



247F45



40393A



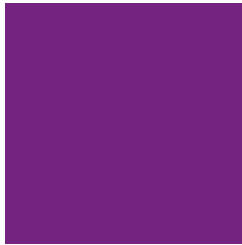
80000F



000000

Previews

White Background



This preview shows how the Hex color 74247F looks on a white background.

Color Contrast Check

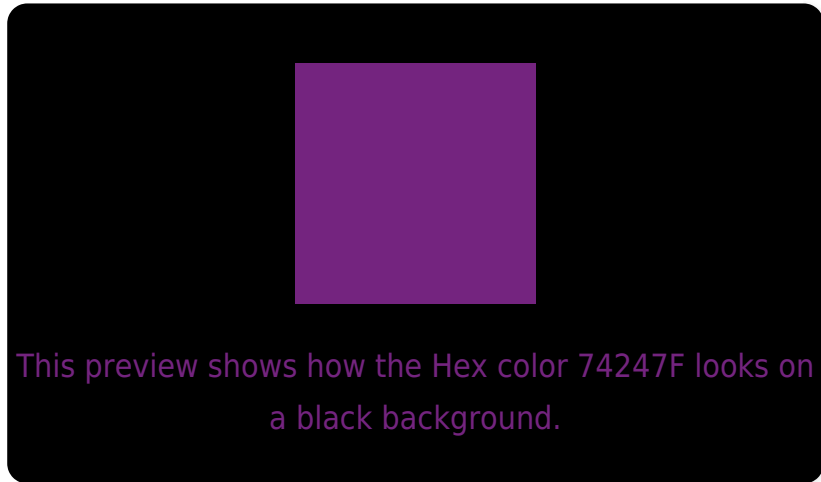
Large Text (above 18pt) WCAG AA ✓ Pass

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

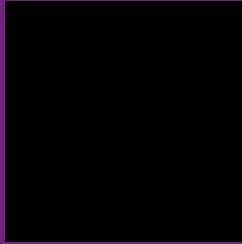
Any Text WCAG AA × Fail

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 74247F Background



This preview shows how black text looks on a background with the Hex color 74247F.

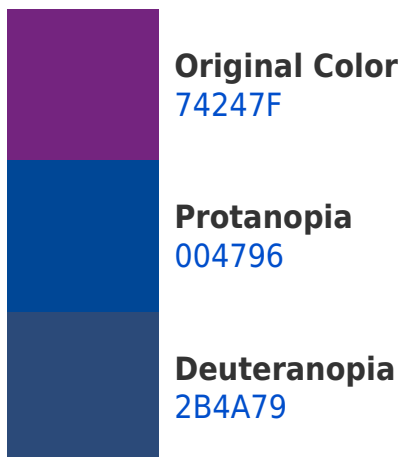


This preview shows how white text looks on a background with the Hex color 74247F.

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





Tritanopia
6C3A3F

Trichromacy



Original Color

74247F



Protanomaly

2A3A8E



Deuteranomaly

463C7B



Tritanomaly

6F3256

Monochromacy



Original Color

74247F



Achromatopsia

464646



Achromatomaly

573A5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 74247F 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 #74247F looks like.

```
.text, #text, p{  
    color:#74247F  
}
```

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 #74247F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74247F
}
```

Border

The CSS property to change the border of an element to Hex 74247F is called "border". The border property can be set on classes, ids or directly on the HTML element.

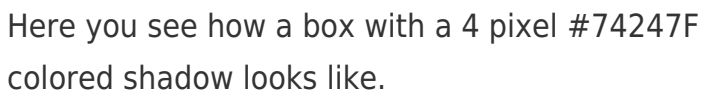
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#74247F }
```

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

```
.border{ border-color:#74247F }
```

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



Here you see how a box with a 4 pixel #74247F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74247F; -webkit-box-shadow:4px 4px  
4px 4px #74247F; box-shadow:4px 4px 4px  
4px #74247F }
```

Background

The CSS property to change the background color of an element to Hex 74247F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74247F }
```

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

```
.background{ background-color:#74247F }
```

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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