

Converting Colors

Hex(49247F)

Have a look what the booklet for
Hex(49247F) contains.

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Color

Hex(49247F)

Conversions

Conversions Part 1

Format	Color
Hex	49247F
RGB	73, 36, 127
RGB Percent	29%, 14%, 50%
CMY	0.7137, 0.8588, 0.5020
CMYK	0.43, 0.72, 0.00, 0.50
HSL	264°, 56%, 32%
HSV	264°, 72%, 50%
XYZ	7.2093, 4.2105, 20.5114
YIQ	57.4370, -7.1590, 36.1450

Conversions

Conversions Part 2

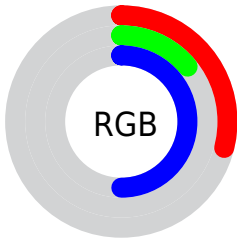
Format	Color
R_{YB}	73, 36, 127
Decimal	4793471
CIE _{Lab}	24.36, 37.71, -45.07
CIE _{LCh}	24, 58.763, 309.914
Yxy	4.2105, 0.2258, 0.1319
Android (android.graphics.Color)	4282983551 (0xFF49247F)
YUV	57.4370, 34.2946, 13.6488
Hunter-Lab	20.5196, 26.8045, -44.9027

Details

The Hex color **49247F** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5A7F24**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **7E54B5**, and **12004D** is the 20% darker color. If you saturate the color by 10%, you get **41177F**, and if you desaturate by 10%, it is **51317F**.

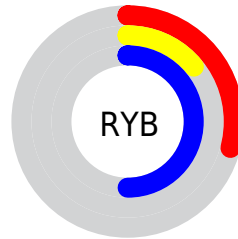
Distribution



Red (29%)

Green (14%)

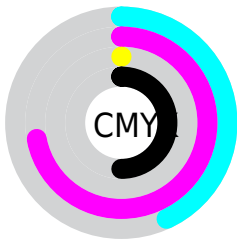
Blue (50%)



Red (29%)

Yellow (14%)

Blue (50%)

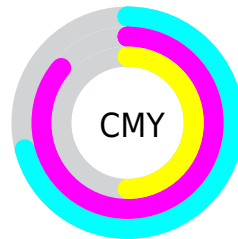


Cyan (43%)

Magenta (72%)

Yellow (0%)

Black (50%)



Cyan (71%)

Magenta (86%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49247F 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 49247F by changing the saturation by 10% instead.

49247F

49247F

FFFFFF

2E0C65

7E54B5

12004D

9A6DD0

000035

B587ED

00021F

D2A1FF

000002

EFBDFE

000000

FFD9FF

FFF5FF

49247F

49247F

■ 41177F

■ 51317F

■ 3A0B7F

■ 583D7F

■ 34007F

■ 604A7F

■ 67577F

■ 6F647F

■ 76707F

■ 7E7D7F

■ 858A7F

■ 8D967F

Harmonies

Analogous

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



003C93



49247F



760059

Triad

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



49247F



5F2C00



004B48

Complementary

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



49247F



5A7F24

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.



004919



49247F



3B3D00

Square

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



49247F



790600



004500



004B73

Rectangle

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



49247F



82003C



004500



004B39

Sweetspot

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



49247F



9183A6



245B7F



483F54



D4D4D4



545454

Same Dimension

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



49247F



5117A6



76247F



3C3940



340080



000000

Inverse Universe

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



7F245A



A6176C



2D7F24



40393D



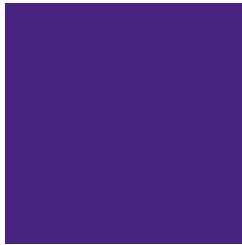
80004C



000000

Previews

White Background



This preview shows how the Hex color 49247F looks on a white background.

Color Contrast Check

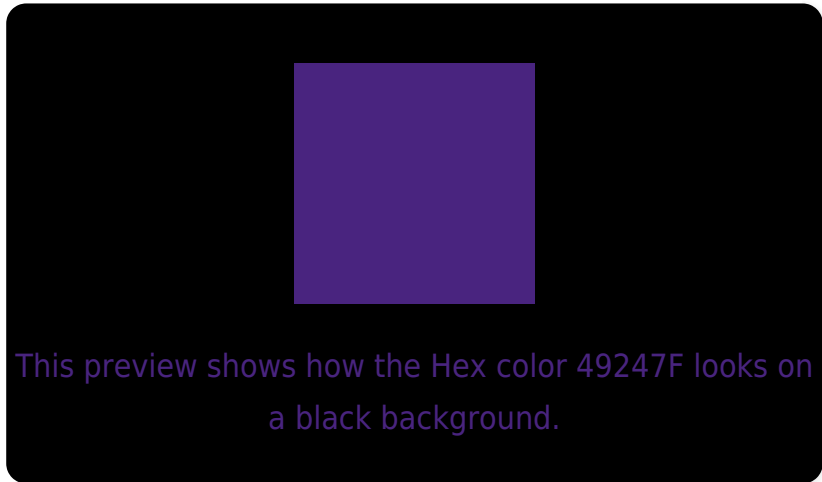
Large Text (above 18pt) WCAG AA ✓ Pass

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 49247F Background



This preview shows how black text looks on a background with the Hex color 49247F.



This preview shows how white text looks on a background with the Hex color 49247F.

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
49247F

Protanopia
003877

Deuteranopia
003C67



Tritanopia
3A3A3F

Trichromacy



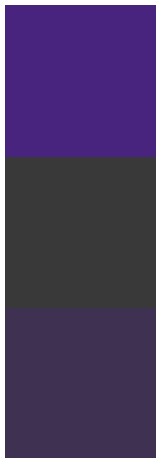
Original Color
49247F

Protanomaly
1B317A

Deuteranomaly
1B3370

Tritanomaly
3F3256

Monochromacy



Original Color
49247F

Achromatopsia
393939

Achromatomaly
3F3152

CSS Examples

Text

The CSS property to change the color of the text to Hex 49247F 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 #49247F looks like.

```
.text, #text, p{  
    color:#49247F  
}
```

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 #49247F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49247F
}
```

Border

The CSS property to change the border of an element to Hex 49247F is called "border". The border property can be set on classes, ids or directly on the HTML element.

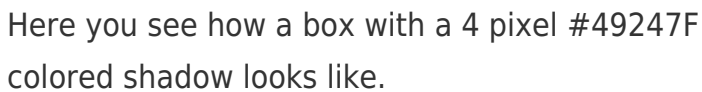
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#49247F }
```

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

```
.border{ border-color:#49247F }
```

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



Here you see how a box with a 4 pixel #49247F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49247F; -webkit-box-shadow:4px 4px  
4px 4px #49247F; box-shadow:4px 4px 4px  
4px #49247F }
```

Background

The CSS property to change the background color of an element to Hex 49247F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49247F }
```

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

```
.background{ background-color:#49247F }
```

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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