

# Converting Colors

Hex(4A307F)

Have a look what the booklet for  
Hex(4A307F) contains.

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# Color

**Hex(4A307F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A307F
RGB	74, 48, 127
RGB Percent	29%, 19%, 50%
CMY	0.7098, 0.8118, 0.5020
CMYK	0.42, 0.62, 0.00, 0.50
HSL	260°, 45%, 34%
HSV	260°, 62%, 50%
XYZ	7.7118, 5.1021, 20.6570
YIQ	64.7800, -9.8630, 30.0810

# Conversions

## Conversions Part 2

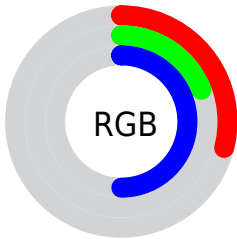
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 48, 127
Decimal	4862079
CIE <sub>Lab</sub>	27.02, 31.01, -40.74
CIE <sub>LCh</sub>	27, 51.203, 307.278
Yxy	5.1021, 0.2304, 0.1524
Android (android.graphics.Color)	4283052159 (0xFF4A307F)
YUV	64.7800, 30.6745, 8.0859
Hunter-Lab	22.5877, 21.4138, -38.4107

# Details

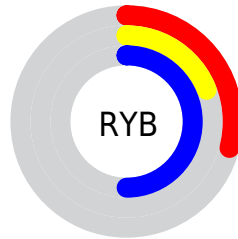
The Hex color **4A307F** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **657F30**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **7E5FB4**, and **14044D** is the 20% darker color. If you saturate the color by 10%, you get **41237F**, and if you desaturate by 10%, it is **533D7F**.

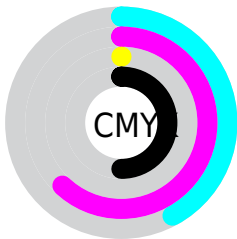
# Distribution



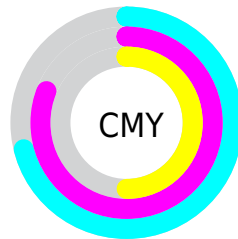
- Red (29%)
- Green (19%)
- Blue (50%)



- Red (29%)
- Yellow (19%)
- Blue (50%)



- Cyan (42%)
- Magenta (62%)
- Yellow (0%)
- Black (50%)



- Cyan (71%)
- Magenta (81%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A307F 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 4A307F by changing the saturation by 10% instead.



■ 4A307F

■ 4A307F

FFFFFF

■ 301A66

■ 7E5FB4

■ 14044D

■ 9A79D0

■ 000036

■ B593ED

■ 00021F

■ D2ADFF

■ 000003

■ EEC9FF

■ 000000

■ FFE5FF

■ 4A307F

■ 4A307F

■ 41237F

■ 533D7F

■ 39177F

■ 5B497F

■ 300A7F

■ 64567F

■ 2A007F

■ 6C637F

■ 75707F

■ 7D7C7F

■ 86897F

■ 8E967F

■ 97A27F

# Harmonies

## Analogous

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



00428F



4A307F



74155F

# Triad

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



4A307F



673200



005049

# Complementary

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



4A307F



657F30

# 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.



004E1F



4A307F



474100

# Square

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



4A307F



7C1B12



1A4A00



00506F

# Rectangle

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



4A307F



800245



1A4A00



00503B



# Sweetspot

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



4A307F



9186A6



30667F



474154



D4D4D4



545454



# Same Dimension

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



4A307F



5229A6



71307F



3B3940



2A0080



000000



# Inverse Universe

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



7F3065



A6297D



3E7F30



40393E



800056

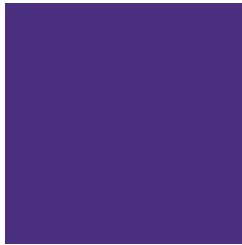


000000



# Previews

## White Background



This preview shows how the Hex color 4A307F looks on a white background.

## Color Contrast Check

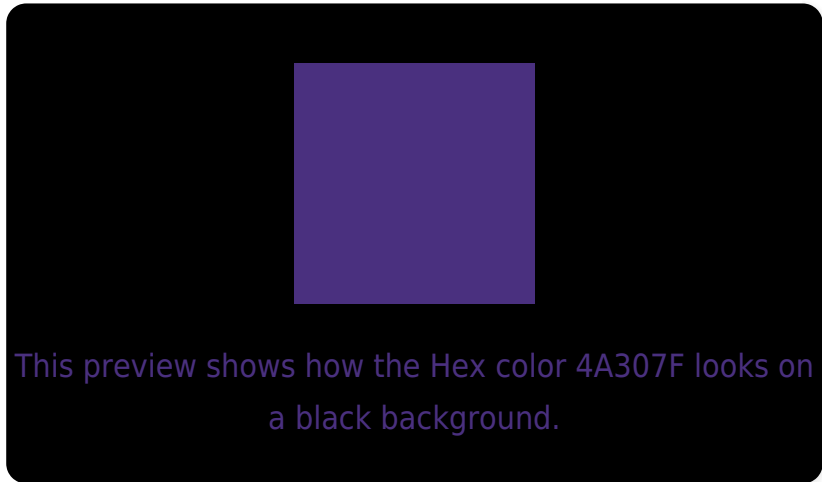
Large Text (above 18pt) WCAG AA ✓ Pass

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

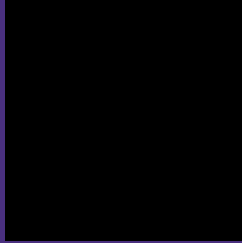
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4A307F Background



This preview shows how black text looks on a background with the Hex color 4A307F.



This preview shows how white text looks on a background with the Hex color 4A307F.

# 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**  
4A307F

**Protanopia**  
003E83

**Deuteranopia**  
004273



**Tritanopia**  
3D4146

# Trichromacy



**Original Color**  
4A307F

**Protanomaly**  
1B3982

**Deuteranomaly**  
1B3B77

**Tritanomaly**  
423B5B

# Monochromacy



**Original Color**  
4A307F

**Achromatopsia**  
414141

**Achromatomaly**  
443B58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A307F 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 #4A307F looks like.

```
.text, #text, p{  
    color:#4A307F  
}
```

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 #4A307F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A307F
}
```

## Border

The CSS property to change the border of an element to Hex 4A307F is called "border". The border property can be set on classes, ids or directly on the HTML element.

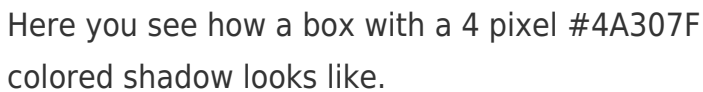
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A307F }
```

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

```
.border{ border-color:#4A307F }
```

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



Here you see how a box with a 4 pixel #4A307F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A307F; -webkit-box-shadow:4px 4px  
4px 4px #4A307F; box-shadow:4px 4px 4px  
4px #4A307F }
```

# Background

The CSS property to change the background color of an element to Hex 4A307F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A307F }
```

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

```
.background{ background-color:#4A307F }
```

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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