

# Converting Colors

Hex(4A059F)

Have a look what the booklet for  
Hex(4A059F) contains.

<b>Hex(4A059F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(4A059F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A059F
RGB	74, 5, 159
RGB Percent	29%, 2%, 62%
CMY	0.7098, 0.9804, 0.3765
CMYK	0.53, 0.97, 0.00, 0.38
HSL	267°, 94%, 32%
HSV	267°, 97%, 62%
XYZ	9.1363, 4.0676, 33.1045
YIQ	43.1870, -8.3100, 62.5220

# Conversions

## Conversions Part 2

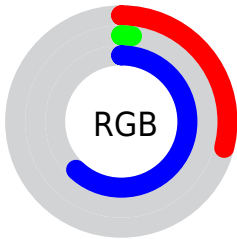
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 5, 159
Decimal	4851103
CIE <sub>Lab</sub>	23.89, 57.09, -65.70
CIE <sub>LCh</sub>	24, 87.038, 310.986
Yxy	4.0676, 0.1973, 0.0878
Android (android.graphics.Color)	4283041183 (0xFF4A059F)
YUV	43.1870, 57.0958, 27.0230
Hunter-Lab	20.1683, 45.5669, -83.2016

# Details

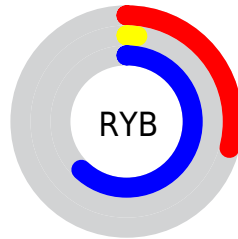
The Hex color **4A059F** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **5A9F05**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **8542D7**, and **00006A** is the 20% darker color. If you saturate the color by 10%, you get **47009F**, and if you desaturate by 10%, it is **53159F**.

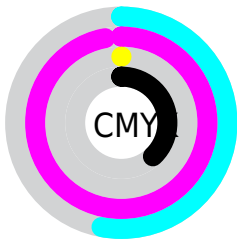
# Distribution



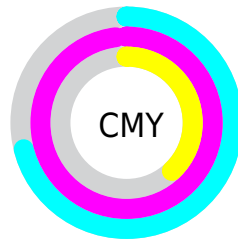
- Red (29%)
- Green (2%)
- Blue (62%)



- Red (29%)
- Yellow (2%)
- Blue (62%)



- Cyan (53%)
- Magenta (97%)
- Yellow (0%)
- Black (38%)



- Cyan (71%)
- Magenta (98%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A059F 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 4A059F by changing the saturation by 10% instead.



4A059F

4A059F

FFFFFF

2A0084

8542D7

00006A

A25CF4

000051

BF77FF

000539

DD92FF

000222

FBADFF

000008

FFC9FF

000000

FFE6FF

4A059F

4A059F

■ 47009F

■ 53159F

■ 5C259F

■ 64359F

■ 6D459F

■ 76559F

■ 7F649F

■ 87749F

■ 90849F

■ 99949F

# Harmonies

## Analogous

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



003EBF



4A059F



900065

# Triad

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



4A059F



672300



004E51

# Complementary

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



4A059F



5A9F05

# 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.



004C05



4A059F



303E00

# Square

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



4A059F



8D0000



004800



004F90

# Rectangle

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



4A059F



9F003A



004800



004D3A



# Sweetspot

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



4A059F



AD93CF



055C9F



544469



E8E8E8



696969



# Same Dimension

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



4A059F



5D00CF



95059F



4B474F



40008F



07000F



# Inverse Universe

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



9F055A



CF0072



0F9F05



4F474C



8F004F

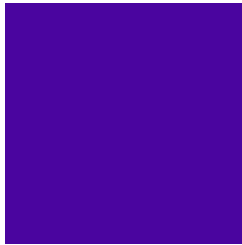


0F0008



# Previews

## White Background



This preview shows how the Hex color 4A059F looks on a white background.

## Color Contrast Check

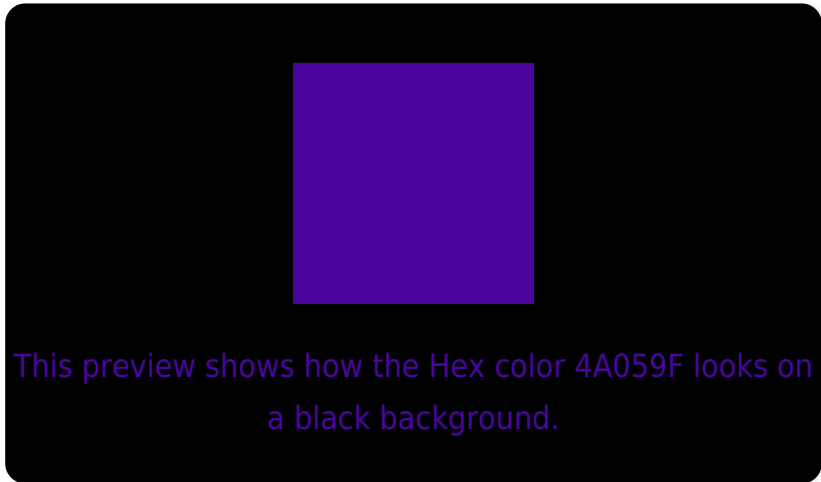
Large Text (above 18pt) WCAG AA ✓ Pass

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

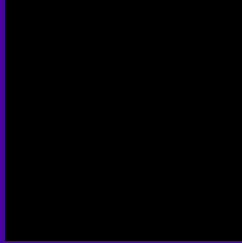
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4A059F Background



This preview shows how black text looks on a background with the Hex color 4A059F.



This preview shows how white text looks on a background with the Hex color 4A059F.

# 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**  
4A059F

**Protanopia**  
003978

**Deuteranopia**  
003D67



**Tritanopia**  
2C3E43

# Trichromacy



**Original Color**  
4A059F

**Protanomaly**  
1B2686

**Deuteranomaly**  
1B297B

**Tritanomaly**  
372964

# Monochromacy



**Original Color**  
4A059F

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
361D55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A059F 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 #4A059F looks like.

```
.text, #text, p{  
    color:#4A059F  
}
```

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 #4A059F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A059F
}
```

## Border

The CSS property to change the border of an element to Hex 4A059F is called "border". The border property can be set on classes, ids or directly on the HTML element.

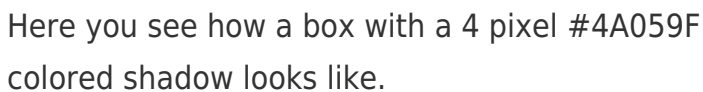
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A059F }
```

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

```
.border{ border-color:#4A059F }
```

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



Here you see how a box with a 4 pixel #4A059F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A059F; -webkit-box-shadow:4px 4px  
4px 4px #4A059F; box-shadow:4px 4px 4px  
4px #4A059F }
```

# Background

The CSS property to change the background color of an element to Hex 4A059F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A059F }
```

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

```
.background{ background-color:#4A059F }
```

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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