

# Converting Colors

Hex(403F9D)

Have a look what the booklet for  
Hex(403F9D) contains.

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# Color

**Hex(403F9D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	403F9D
RGB	64, 63, 157
RGB Percent	25%, 25%, 62%
CMY	0.7490, 0.7529, 0.3843
CMYK	0.59, 0.60, 0.00, 0.38
HSL	241°, 43%, 43%
HSV	241°, 60%, 62%
XYZ	9.9777, 7.0793, 32.7389
YIQ	74.0150, -29.5780, 29.4460

# Conversions

## Conversions Part 2

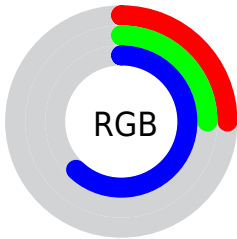
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	64, 63, 157
Decimal	4210589
CIE Lab	31.99, 29.03, -51.25
CIE LCh	32, 58.901, 299.526
Yxy	7.0793, 0.2004, 0.1422
Android (android.graphics.Color)	4282400669 (0xFF403F9D)
YUV	74.0150, 40.9116, -8.7832
Hunter-Lab	26.6070, 20.3755, -54.3291

# Details

The Hex color **403F9D** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **9C9D3F**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **786FD4**, and **001469** is the 20% darker color. If you saturate the color by 10%, you get **302F9D**, and if you desaturate by 10%, it is **504F9D**.

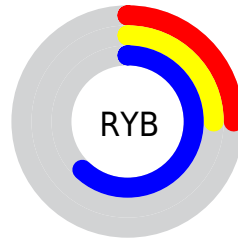
# Distribution



Red (25%)

Green (25%)

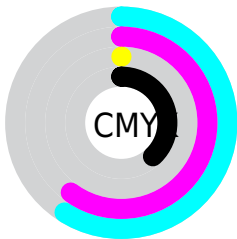
Blue (62%)



Red (25%)

Yellow (25%)

Blue (62%)

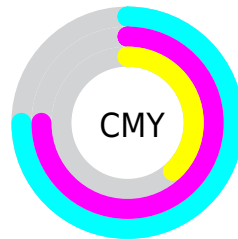


Cyan (59%)

Magenta (60%)

Yellow (0%)

Black (38%)



Cyan (75%)

Magenta (75%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 403F9D 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 403F9D by changing the saturation by 10% instead.



■ 403F9D

■ 403F9D

FFFFFF

■ 202982

■ 786FD4

■ 001469

■ 9488F1

■ 000050

■ B1A3FF

■ 000538

■ CEBEFF

■ 000222

■ EBD AFF

■ 000007

■ FFF6FF

■ 000000

■ 403F9D

■ 403F9D

■ 302F9D

■ 504F9D

■ 21209D

■ 5F5E9D

■ 11109D

■ 6F6E9D

■ 02009D

■ 7E7E9D

■ 8E8E9D

■ 9D9D9D

■ ADAD9D

■ BCBD9D

■ CCCC9D

# Harmonies

## Analogous

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



0052A9



403F9D



80217B

# Triad

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



403F9D



803500



005E49

# Complementary

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



403F9D



9C9D3F

# 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.



005B17



403F9D



5E4900

# Square

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



403F9D



961421



2F5500



005E78

# Rectangle

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



403F9D



93025E



2F5500



005D39



# Sweetspot

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



403F9D



A8A7CC



3F9D9D



505066



E6E6E6



666666



# Same Dimension

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



403F9D



3B39CC



6E3F9D



47474F



02008F



00000F



# Inverse Universe

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



9D3F9C



CC39CA



6E9D3F



4F474F



8F008D



0F000F



# Previews

## White Background



This preview shows how the Hex color 403F9D looks on a white background.

## Color Contrast Check

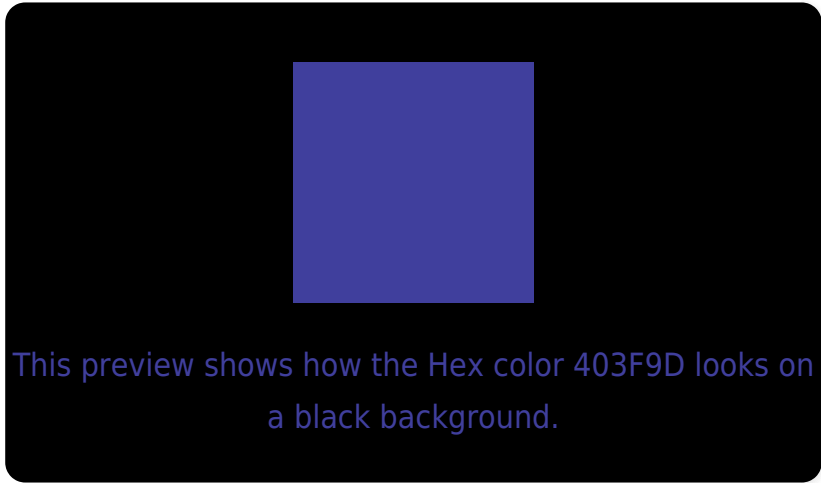
Large Text (above 18pt) WCAG AA ✓ Pass

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

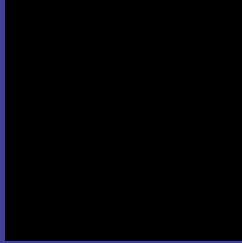
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 403F9D Background



This preview shows how black text looks on a background with the Hex color 403F9D.

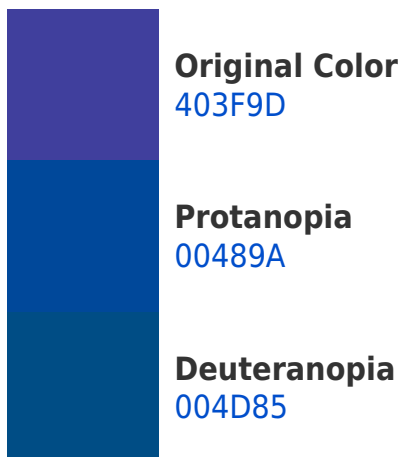


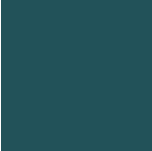
This preview shows how white text looks on a background with the Hex color 403F9D.

# 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](#).

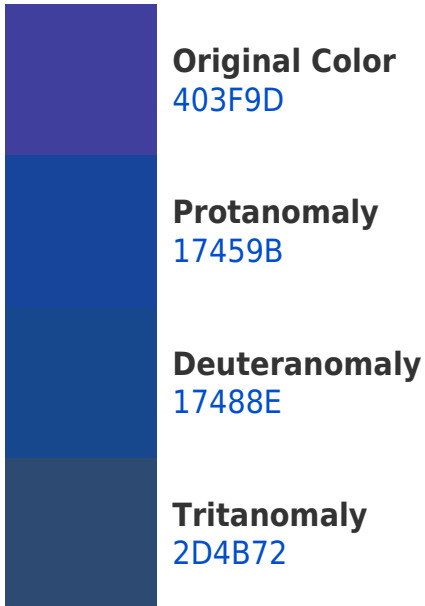
## Dichromacy





**Tritanopia**  
225259

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 403F9D 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 #403F9D looks like.

```
.text, #text, p{  
    color:#403F9D  
}
```

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 #403F9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #403F9D
}
```

## Border

The CSS property to change the border of an element to Hex 403F9D 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
#403F9D }
```

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

```
.border{ border-color:#403F9D }
```

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

Here you see how a box with a 4 pixel #403F9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #403F9D; -webkit-box-shadow:4px 4px  
4px 4px #403F9D; box-shadow:4px 4px 4px  
4px #403F9D }
```

# Background

The CSS property to change the background color of an element to Hex 403F9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#403F9D }
```

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

```
.background{ background-color:#403F9D }
```

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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