

# Converting Colors

Hex(41339E)

Have a look what the booklet for  
Hex(41339E) contains.

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# Color

**Hex(41339E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	41339E
RGB	65, 51, 158
RGB Percent	25%, 20%, 62%
CMY	0.7451, 0.8000, 0.3804
CMYK	0.59, 0.68, 0.00, 0.38
HSL	248°, 51%, 41%
HSV	248°, 68%, 62%
XYZ	9.5354, 5.9601, 32.9956
YIQ	67.3840, -26.0030, 36.2450

# Conversions

## Conversions Part 2

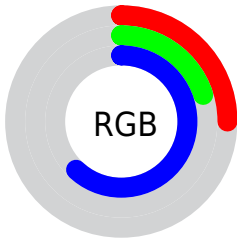
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 51, 158
Decimal	4273054
CIELab	29.31, 37.02, -56.21
CIElCh	29, 67.309, 303.367
Yxy	5.9601, 0.1966, 0.1229
Android (android.graphics.Color)	4282463134 (0xFF41339E)
YUV	67.3840, 44.6737, -2.0908
Hunter-Lab	24.4133, 26.9953, -63.0436

# Details

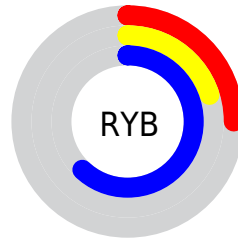
The Hex color **41339E** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **909E33**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **7A63D6**, and **000769** is the 20% darker color. If you saturate the color by 10%, you get **33239E**, and if you desaturate by 10%, it is **4F439E**.

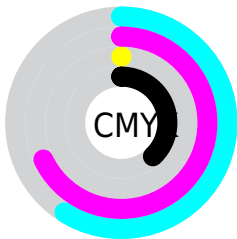
# Distribution



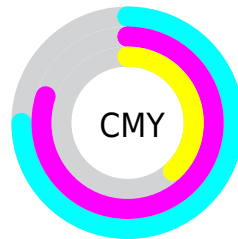
- Red (25%)
- Green (20%)
- Blue (62%)



- Red (25%)
- Yellow (20%)
- Blue (62%)



- Cyan (59%)
- Magenta (68%)
- Yellow (0%)
- Black (38%)



- Cyan (75%)
- Magenta (80%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41339E 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 41339E by changing the saturation by 10% instead.



■ 41339E

■ 41339E

FFFFFF

■ 201D83

■ 7A63D6

■ 000769

■ 977CF2

■ 000051

■ B396FF

■ 000538

■ D0B1FF

■ 000222

■ EECDFE

■ 000008

■ FFE9FF

■ 000000

■ 41339E

■ 41339E

■ 33239E

■ 4F439E

■ 26139E

■ 5C539E

■ 18049E

■ 6A629E

■ 15009E

■ 78729E

■ 86829E

■ 93929E

■ A1A29E

■ AFB19E

■ BDC19E

# Harmonies

## Analogous

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



004BB0



41339E



850075

# Triad

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



41339E



792E00



00594A

# Complementary

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



41339E



909E33

# 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.



00570F



41339E



504500

# Square

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



41339E



94000E



125100



00597E

# Rectangle

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



41339E



970053



125100



005837



# Sweetspot

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



41339E



ABA5CF



33929E



534F69



E8E8E8



696969



# Same Dimension

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



41339E



3D27CF



75339E



48474F



13008F



02000F



# Inverse Universe

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



9E3390



CF27B9



5C9E33



4F474E



8F007C

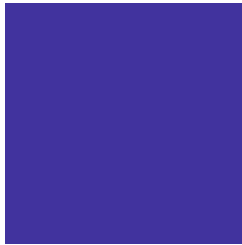


0F000D



# Previews

## White Background



This preview shows how the Hex color 41339E looks on a white background.

## Color Contrast Check

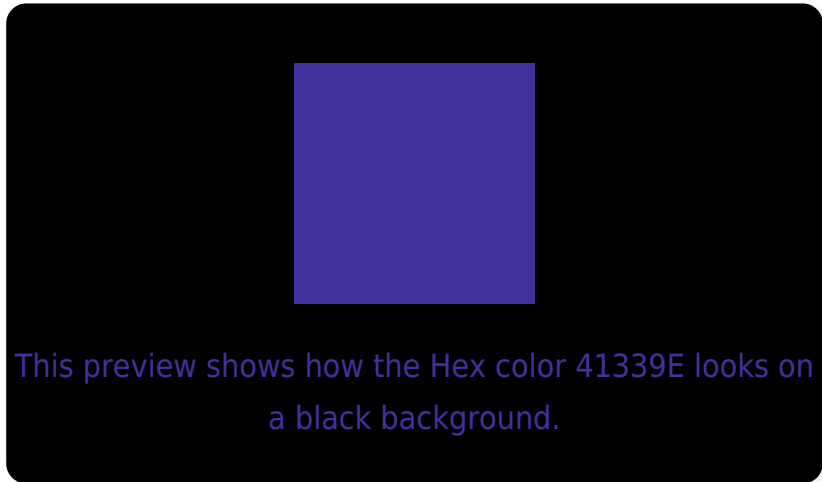
Large Text (above 18pt) WCAG AA ✓ Pass

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

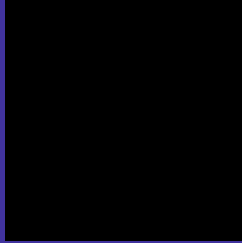
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 41339E Background



This preview shows how black text looks on a background with the Hex color 41339E.



This preview shows how white text looks on a background with the Hex color 41339E.

# 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**  
41339E

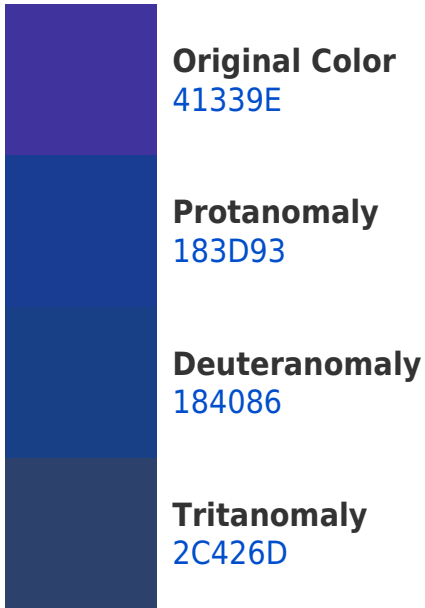
**Protanopia**  
00438D

**Deuteranopia**  
004779



**Tritanopia**  
204B51

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41339E 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 #41339E looks like.

```
.text, #text, p{  
    color:#41339E  
}
```

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 #41339E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41339E
}
```

## Border

The CSS property to change the border of an element to Hex 41339E is called "border". The border property can be set on classes, ids or directly on the HTML element.

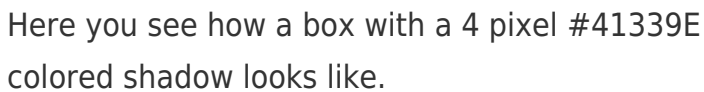
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#41339E }
```

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

```
.border{ border-color:#41339E }
```

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



Here you see how a box with a 4 pixel #41339E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41339E; -webkit-box-shadow:4px 4px  
4px 4px #41339E; box-shadow:4px 4px 4px  
4px #41339E }
```

# Background

The CSS property to change the background color of an element to Hex 41339E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41339E }
```

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

```
.background{ background-color:#41339E }
```

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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