

# Converting Colors

Hex(4E319A)

Have a look what the booklet for  
Hex(4E319A) contains.

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# Color

**Hex(4E319A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E319A
RGB	78, 49, 154
RGB Percent	31%, 19%, 60%
CMY	0.6941, 0.8078, 0.3961
CMYK	0.49, 0.68, 0.00, 0.40
HSL	257°, 52%, 40%
HSV	257°, 68%, 60%
XYZ	10.0729, 6.1494, 31.2279
YIQ	69.6410, -16.4210, 38.8030

# Conversions

## Conversions Part 2

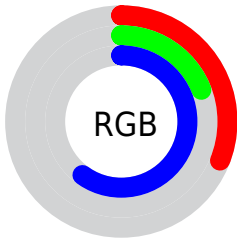
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 49, 154
Decimal	5124506
CIE Lab	29.79, 39.26, -52.95
CIE LCh	30, 65.919, 306.554
Yxy	6.1494, 0.2123, 0.1296
Android (android.graphics.Color)	4283314586 (0xFF4E319A)
YUV	69.6410, 41.5890, 7.3308
Hunter-Lab	24.7980, 29.1100, -57.3047

# Details

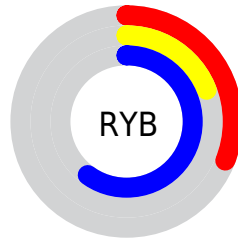
The Hex color **4E319A** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **7D9A31**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **8561D1**, and **0E0266** is the 20% darker color. If you saturate the color by 10%, you get **43229A**, and if you desaturate by 10%, it is **59409A**.

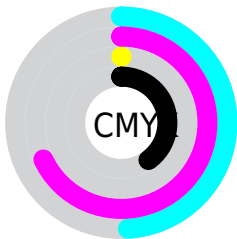
# Distribution



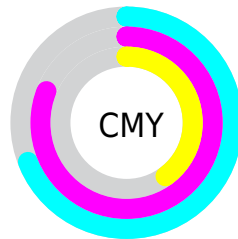
- Red (31%)
- Green (19%)
- Blue (60%)



- Red (31%)
- Yellow (19%)
- Blue (60%)



- Cyan (49%)
- Magenta (68%)
- Yellow (0%)
- Black (40%)



- Cyan (69%)
- Magenta (81%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E319A 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 4E319A by changing the saturation by 10% instead.



4E319A

4E319A

FFFFFF

311A7F

8561D1

0E0266

A17BEE

00004D

BE95FF

000535

DBB0FF

00021F

F8CCFF

000002

FFE8FF

000000

4E319A

4E319A

43229A

59409A

■ 38129A

■ 64509A

■ 2D039A

■ 6F5F9A

■ 2B009A

■ 7B6F9A

■ 867E9A

■ 918D9A

■ 9C9D9A

■ A7AC9A

■ B2BC9A

# Harmonies

## Analogous

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



004AAE



4E319A



890070

# Triad

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



4E319A



763300



005A51

# Complementary

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



4E319A



7D9A31

# 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.



005819



4E319A



4D4800

# Square

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



4E319A



92010A



095300



005A83

# Rectangle

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



4E319A



98004E



095300



00593F



# Sweetspot

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



4E319A



ACA1C9



317E9A



544E66



E6E6E6



666666



# Same Dimension

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



4E319A



5224C9



82319A



47454D



27008C



04000D



# Inverse Universe

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



9A317D



C9249C



4A9A31



4D454A



8C0066

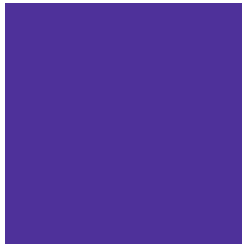


0D0009



# Previews

## White Background



This preview shows how the Hex color 4E319A looks on a white background.

## Color Contrast Check

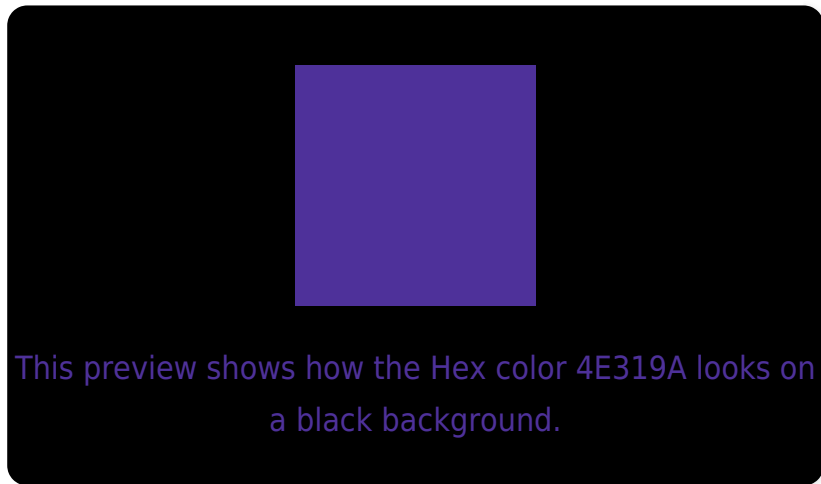
Large Text (above 18pt) WCAG AA ✓ Pass

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

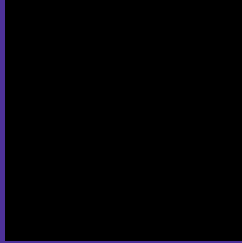
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E319A Background



This preview shows how black text looks on a background with the Hex color 4E319A.

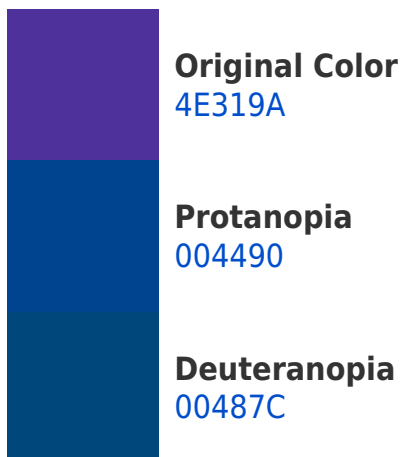


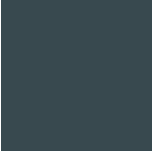
This preview shows how white text looks on a background with the Hex color 4E319A.

# 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](#).

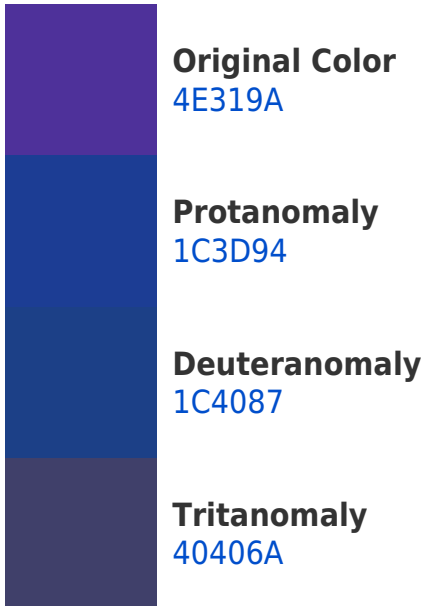
## Dichromacy



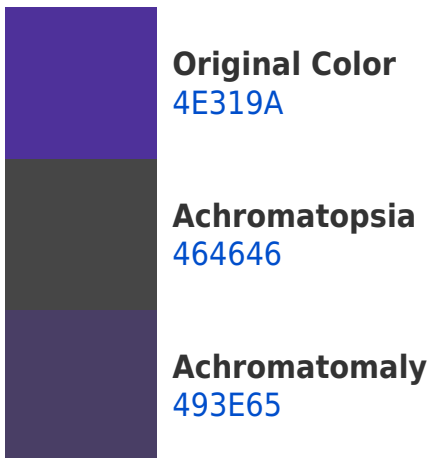


**Tritanopia**  
38494F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E319A 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 #4E319A looks like.

```
.text, #text, p{  
    color:#4E319A  
}
```

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 #4E319A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E319A
}
```

## Border

The CSS property to change the border of an element to Hex 4E319A 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
#4E319A }
```

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

```
.border{ border-color:#4E319A }
```

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

Here you see how a box with a 4 pixel #4E319A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E319A; -webkit-box-shadow:4px 4px  
4px 4px #4E319A; box-shadow:4px 4px 4px  
4px #4E319A }
```

# Background

The CSS property to change the background color of an element to Hex 4E319A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E319A }
```

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

```
.background{ background-color:#4E319A }
```

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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