

# Converting Colors

Hex(4E3E8F)

Have a look what the booklet for  
Hex(4E3E8F) contains.

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# Color

**Hex(4E3E8F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E3E8F
RGB	78, 62, 143
RGB Percent	31%, 24%, 56%
CMY	0.6941, 0.7569, 0.4392
CMYK	0.45, 0.57, 0.00, 0.44
HSL	252°, 40%, 40%
HSV	252°, 57%, 56%
XYZ	9.8224, 7.0481, 26.8293
YIQ	76.0180, -16.4650, 28.5830

# Conversions

## Conversions Part 2

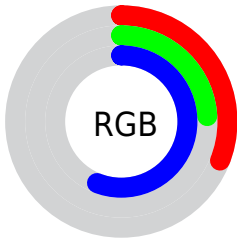
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 62, 143
Decimal	5127823
CIE <sub>Lab</sub>	31.92, 28.10, -42.77
CIE <sub>LCh</sub>	32, 51.177, 303.306
Yxy	7.0481, 0.2248, 0.1613
Android (android.graphics.Color)	4283317903 (0xFF4E3E8F)
YUV	76.0180, 33.0221, 1.7382
Hunter-Lab	26.5483, 19.5826, -41.3338

# Details

The Hex color **4E3E8F** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **7F8F3E**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **836EC5**, and **16135C** is the 20% darker color. If you saturate the color by 10%, you get **43308F**, and if you desaturate by 10%, it is **594C8F**.

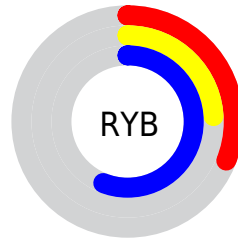
# Distribution



Red (31%)

Green (24%)

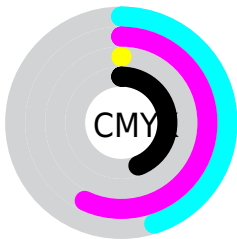
Blue (56%)



Red (31%)

Yellow (24%)

Blue (56%)

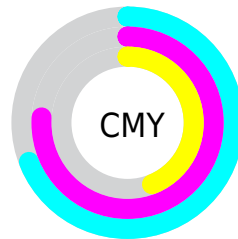


Cyan (45%)

Magenta (57%)

Yellow (0%)

Black (44%)



Cyan (69%)

Magenta (76%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E3E8F 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 4E3E8F by changing the saturation by 10% instead.





4E3E8F



4E3E8F

FFFFFF



332875



836EC5



16135C



9F88E2



000044



BBA2FF



00032D



D7BDFF



000117



F4D9FF



000000



FFF6FF



4E3E8F



4E3E8F



43308F



594C8F

■ 37218F

■ 655B8F

■ 2C138F

■ 70698F

■ 20058F

■ 7C778F

■ 1C008F

■ 87868F

■ 93948F

■ 9EA28F

■ AAB08F

■ B5BF8F

# Harmonies

## Analogous

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



004F9C



4E3E8F



7E2770

# Triad

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



4E3E8F



783B00



005C4F

# Complementary

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



4E3E8F



7F8F3E

# 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.



005A24



4E3E8F



584B00

# Square

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



4E3E8F



8C2621



2E5500



005C76

# Rectangle

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



4E3E8F



8D1A56



2E5500



005C40



# Sweetspot

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



4E3E8F



A19BBA



3E808F



4F4B5E



DEDEDE



5E5E5E



# Same Dimension

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



4E3E8F



553CBA



753E8F



424047



1B0087



020008



# Inverse Universe

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



8F3E7F



BA3CA1



588F3E



474046



87006C



080006



# Previews

## White Background



This preview shows how the Hex color 4E3E8F 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

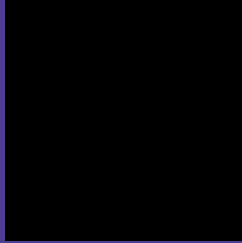
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E3E8F Background



This preview shows how black text looks on a background with the Hex color 4E3E8F.



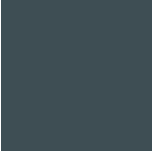
This preview shows how white text looks on a background with the Hex color 4E3E8F.

# 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](#).

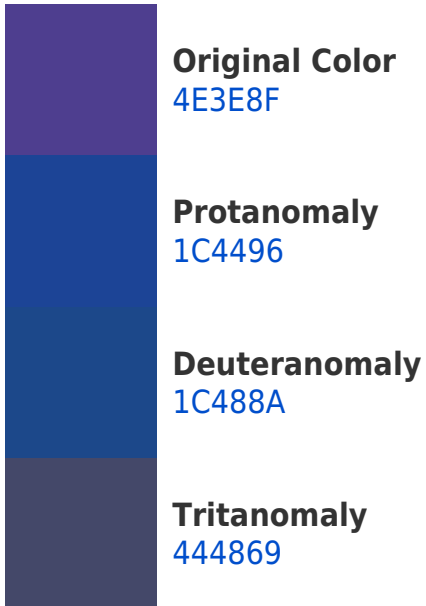
## Dichromacy





**Tritanopia**  
3E4E54

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E3E8F 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 #4E3E8F looks like.

```
.text, #text, p{  
    color:#4E3E8F  
}
```

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 #4E3E8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E3E8F
}
```

## Border

The CSS property to change the border of an element to Hex 4E3E8F is called "border". The border property can be set on classes, ids or directly on the HTML element.

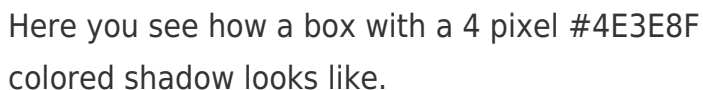
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E3E8F }
```

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

```
.border{ border-color:#4E3E8F }
```

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



Here you see how a box with a 4 pixel #4E3E8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E3E8F; -webkit-box-shadow:4px 4px  
4px 4px #4E3E8F; box-shadow:4px 4px 4px  
4px #4E3E8F }
```

# Background

The CSS property to change the background color of an element to Hex 4E3E8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E3E8F }
```

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

```
.background{ background-color:#4E3E8F }
```

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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