

# Converting Colors

Hex(4E438D)

Have a look what the booklet for  
Hex(4E438D) contains.

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# Color

**Hex(4E438D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4E438D
RGB	78, 67, 141
RGB Percent	31%, 26%, 55%
CMY	0.6941, 0.7373, 0.4471
CMYK	0.45, 0.52, 0.00, 0.45
HSL	249°, 36%, 41%
HSV	249°, 52%, 55%
XYZ	9.9568, 7.5571, 26.1332
YIQ	78.7250, -17.1980, 25.3460

# Conversions

## Conversions Part 2

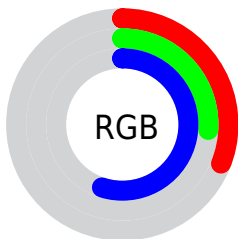
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 67, 141
Decimal	5129101
CIE <sub>Lab</sub>	33.04, 24.31, -39.73
CIE <sub>LCh</sub>	33, 46.581, 301.459
Yxy	7.5571, 0.2281, 0.1731
Android (android.graphics.Color)	4283319181 (0xFF4E438D)
YUV	78.7250, 30.7016, -0.6358
Hunter-Lab	27.4902, 16.5437, -37.1202

# Details

The Hex color **4E438D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **828D43**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **8373C3**, and **18185A** is the 20% darker color. If you saturate the color by 10%, you get **42358D**, and if you desaturate by 10%, it is **5A518D**.

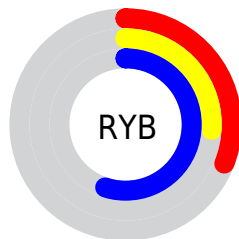
# Distribution



Red (31%)

Green (26%)

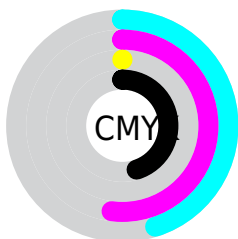
Blue (55%)



Red (31%)

Yellow (26%)

Blue (55%)

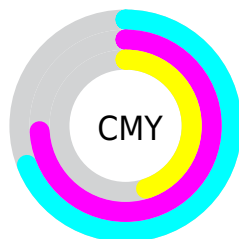


Cyan (45%)

Magenta (52%)

Yellow (0%)

Black (45%)



Cyan (69%)

Magenta (74%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E438D 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 4E438D by changing the saturation by 10% instead.



■ 4E438D

■ 4E438D

FFFFFF

■ 342D73

■ 8373C3

■ 18185A

■ 9E8DDF

■ 000042

■ BAA7FC

■ 00032B

■ D6C3FF

■ 000115

■ F3DFFF

■ 000000

■ FFFBFF

■ 4E438D

■ 4E438D

■ 42358D

■ 5A518D

■ 36278D

■ 665F8D

■ 2A198D

■ 726D8D

■ 1E0B8D

■ 7E7B8D

■ 15008D

■ 8A8A8D

■ 96988D

■ A2A68D

■ AEB48D

■ BAC28D

# Harmonies

## Analogous

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



005298



4E438D



7B3172

# Triad

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



4E438D



793E06



005E4E

# Complementary

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



4E438D



828D43

# 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.



005C28



4E438D



5D4D00

# Square

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



4E438D



8B2D2A



385601



005E73

# Rectangle

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



4E438D



8A275A



385601



005E42



# Sweetspot

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



4E438D



9F9AB8



43838D



4D4A5C



DBDBDB



5C5C5C



# Same Dimension

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



4E438D



5544B8



72438D



414047



140087



010008



# Inverse Universe

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



8D4382



B844A6



5E8D43



474046



870073



080007



# Previews

## White Background



This preview shows how the Hex color 4E438D looks on a white background.

## Color Contrast Check

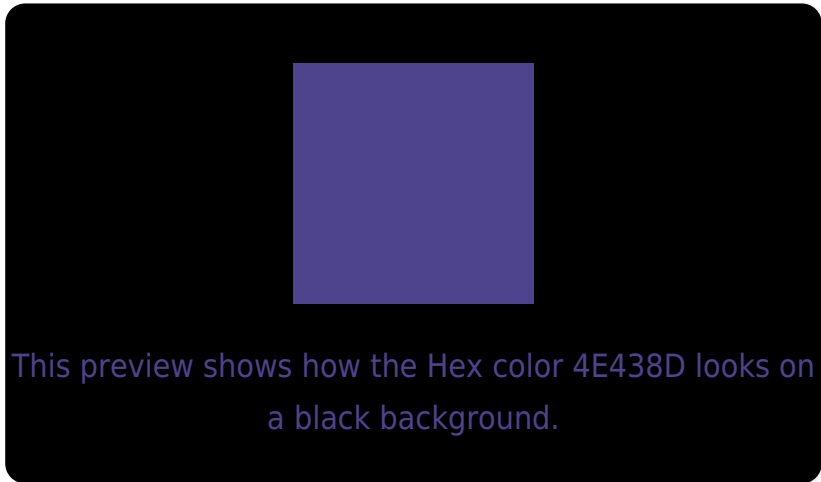
Large Text (above 18pt) WCAG AA ✓ Pass

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

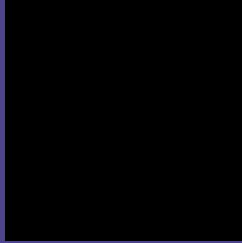
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E438D Background



This preview shows how black text looks on a background with the Hex color 4E438D.

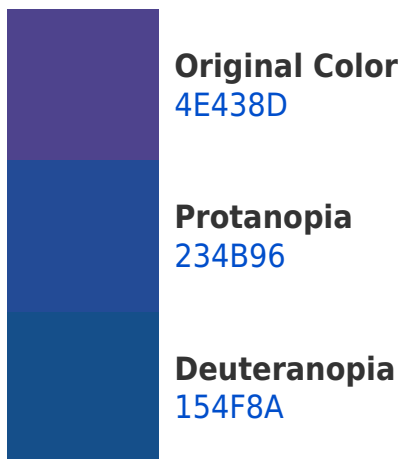


This preview shows how white text looks on a background with the Hex color 4E438D.

# 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**  
405057

# Trichromacy



**Original Color**  
4E438D

**Protanomaly**  
334893

**Deuteranomaly**  
2A4B8B

**Tritanomaly**  
454B6B

# Monochromacy



**Original Color**  
4E438D

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
4F4B66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E438D 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 #4E438D looks like.

```
.text, #text, p{  
    color:#4E438D  
}
```

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 #4E438D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E438D
}
```

## Border

The CSS property to change the border of an element to Hex 4E438D is called "border". The border property can be set on classes, ids or directly on the HTML element.

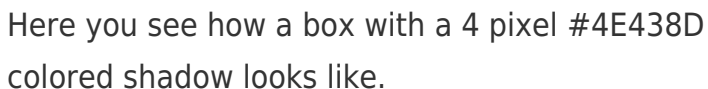
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E438D }
```

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

```
.border{ border-color:#4E438D }
```

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



Here you see how a box with a 4 pixel #4E438D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E438D; -webkit-box-shadow:4px 4px  
4px 4px #4E438D; box-shadow:4px 4px 4px  
4px #4E438D }
```

# Background

The CSS property to change the background color of an element to Hex 4E438D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E438D }
```

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

```
.background{ background-color:#4E438D }
```

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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