

# Converting Colors

Hex(4E3A72)

Have a look what the booklet for  
Hex(4E3A72) contains.

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# Color

Hex(4E3A72)

# Conversions

## Conversions Part 1

Format	Color
Hex	4E3A72
RGB	78, 58, 114
RGB Percent	31%, 23%, 45%
CMY	0.6941, 0.7725, 0.5529
CMYK	0.32, 0.49, 0.00, 0.55
HSL	261°, 33%, 34%
HSV	261°, 49%, 45%
XYZ	7.6922, 5.8607, 16.6454
YIQ	70.3640, -6.0560, 21.6560

# Conversions

## Conversions Part 2

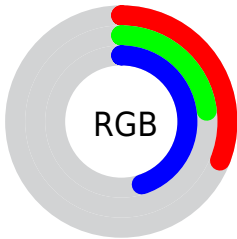
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 58, 114
Decimal	5126770
CIE <sub>Lab</sub>	29.06, 22.06, -29.25
CIE <sub>LCh</sub>	29, 36.638, 307.018
Yxy	5.8607, 0.2547, 0.1941
Android (android.graphics.Color)	4283316850 (0xFF4E3A72)
YUV	70.3640, 21.5125, 6.6968
Hunter-Lab	24.2089, 14.3514, -23.8199

# Details

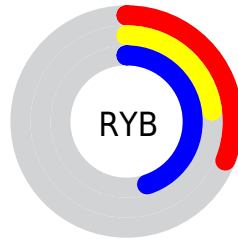
The Hex color **4E3A72** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5E723A**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **816AA6**, and **1E0F41** is the 20% darker color. If you saturate the color by 10%, you get **472F72**, and if you desaturate by 10%, it is **554572**.

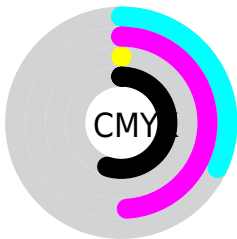
# Distribution



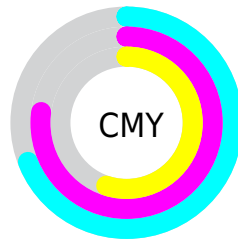
- Red (31%)
- Green (23%)
- Blue (45%)



- Red (31%)
- Yellow (23%)
- Blue (45%)



- Cyan (32%)
- Magenta (49%)
- Yellow (0%)
- Black (55%)



- Cyan (69%)
- Magenta (77%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E3A72 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 4E3A72 by changing the saturation by 10% instead.



■ 4E3A72

■ 4E3A72

FFFFFF

■ 362459

■ 816AA6

■ 1E0F41

■ 9B83C2

■ 09002B

■ B79DDE

■ 000115

■ D3B8FA

■ 000000

■ EFD4FF

■ FFF0FF

■ 4E3A72

■ 4E3A72

■ 472F72

■ 554572

■ 3F2372

■ 5D5172

■ 381872

■ 645C72

■ 310C72

■ 6B6872

■ 290172

■ 737372

■ 290072

■ 7A7E72

■ 818A72

■ 899572

■ 90A172

# Harmonies

## Analogous

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



08467D



4E3A72



6C2E5B

# Triad

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



4E3A72



643B0D



00524B

# Complementary

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



4E3A72



5E723A

# 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.



00502D



4E3A72



4D4504

# Square

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



4E3A72



742F24



2F4C13



005166

# Rectangle

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



4E3A72



752949



2F4C13



005241



# Sweetspot

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



4E3A72



867E94



3A5E72



413D4A



C9C9C9



4A4A4A



# Same Dimension

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



4E3A72



5C3D94



6A3A72



343238



2B0078



5800F7



# Inverse Universe

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



723A5E



943D75



42723A



383236



78004D



F7009F



# Previews

## White Background



This preview shows how the Hex color 4E3A72 looks on a white background.

## Color Contrast Check

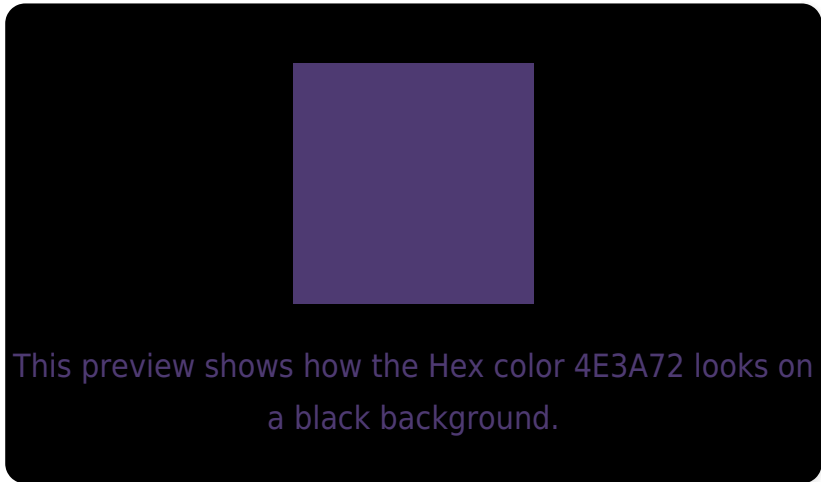
Large Text (above 18pt) WCAG AA ✓ Pass

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

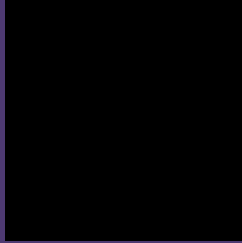
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E3A72 Background



This preview shows how black text looks on a background with the Hex color 4E3A72.



This preview shows how white text looks on a background with the Hex color 4E3A72.

# 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**  
4E3A72

**Protanopia**  
2A437B

**Deuteranopia**  
2A4570



**Tritanopia**  
464449

# Trichromacy



**Original Color**  
4E3A72

**Protanomaly**  
374078

**Deuteranomaly**  
374171

**Tritanomaly**  
494058

# Monochromacy



**Original Color**  
4E3A72

**Achromatopsia**  
464646

**Achromatomaly**  
494256

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E3A72 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 #4E3A72 looks like.

```
.text, #text, p{  
    color:#4E3A72  
}
```

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 #4E3A72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E3A72
}
```

## Border

The CSS property to change the border of an element to Hex 4E3A72 is called "border". The border property can be set on classes, ids or directly on the HTML element.

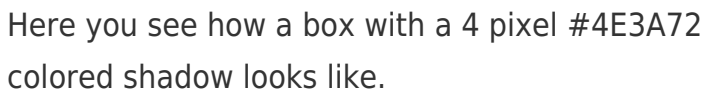
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E3A72 }
```

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

```
.border{ border-color:#4E3A72 }
```

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



Here you see how a box with a 4 pixel #4E3A72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E3A72; -webkit-box-shadow:4px 4px  
4px 4px #4E3A72; box-shadow:4px 4px 4px  
4px #4E3A72 }
```

# Background

The CSS property to change the background color of an element to Hex 4E3A72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E3A72 }
```

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

```
.background{ background-color:#4E3A72 }
```

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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