

# Converting Colors

Hex(4E40A4)

Have a look what the booklet for  
Hex(4E40A4) contains.

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# Color

**Hex(4E40A4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E40A4
RGB	78, 64, 164
RGB Percent	31%, 25%, 64%
CMY	0.6941, 0.7490, 0.3569
CMYK	0.52, 0.61, 0.00, 0.36
HSL	248°, 44%, 45%
HSV	248°, 61%, 64%
XYZ	11.6761, 7.9668, 36.0443
YIQ	79.5860, -23.7560, 34.0680

# Conversions

## Conversions Part 2

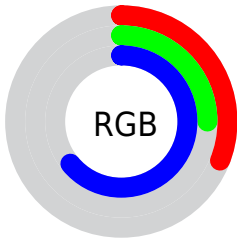
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 64, 164
Decimal	5128356
CIELab	33.91, 33.41, -52.29
CIElCh	34, 62.056, 302.574
Yxy	7.9668, 0.2097, 0.1431
Android (android.graphics.Color)	4283318436 (0xFF4E40A4)
YUV	79.5860, 41.6161, -1.3909
Hunter-Lab	28.2256, 24.4457, -55.9560

# Details

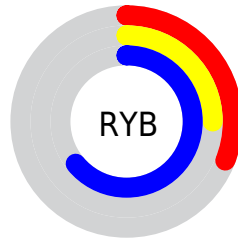
The Hex color **4E40A4** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **96A440**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **8670DC**, and **0A146F** is the 20% darker color. If you saturate the color by 10%, you get **4030A4**, and if you desaturate by 10%, it is **5C50A4**.

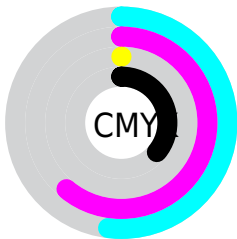
# Distribution



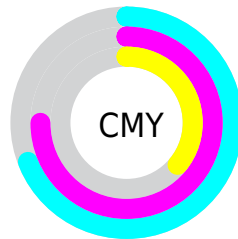
- Red (31%)
- Green (25%)
- Blue (64%)



- Red (31%)
- Yellow (25%)
- Blue (64%)



- Cyan (52%)
- Magenta (61%)
- Yellow (0%)
- Black (36%)



- Cyan (69%)
- Magenta (75%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E40A4 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 4E40A4 by changing the saturation by 10% instead.



■ 4E40A4

■ 4E40A4

FFFFFF

■ 312989

■ 8670DC

■ 0A146F

■ A28AF9

■ 000056

■ BEA5FF

■ 00013E

■ DBC0FF

■ 000327

■ F9DCFF

■ 000111

■ FFF8FF

■ 000000

■ 4E40A4

■ 4E40A4

■ 4030A4

■ 5C50A4

■ 321FA4

■ 6A61A4

■ 240FA4

■ 7871A4

■ 1700A4

■ 8682A4

■ 9592A4

■ A3A2A4

■ B1B3A4

■ BFC3A4

■ CDD4A4

# Harmonies

## Analogous

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



0055B4



4E40A4



8C1D7E

# Triad

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



4E40A4



853A00



006453

# Complementary

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



4E40A4



96A440

# 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.



00611E



4E40A4



5F4F00

# Square

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



4E40A4



9D181E



2A5B00



006484

# Rectangle

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



4E40A4



9E005E



2A5B00



006341



# Sweetspot

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



4E40A4



B5B0D6



4097A4



57546B



EBEBEB



6B6B6B



# Same Dimension

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



4E40A4



503AD6



7F40A4



4B4952



140091



020012



# Inverse Universe

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



A44096



D63AC0



65A440



524950



91007D



12000F



# Previews

## White Background



This preview shows how the Hex color 4E40A4 looks on a white background.

## Color Contrast Check

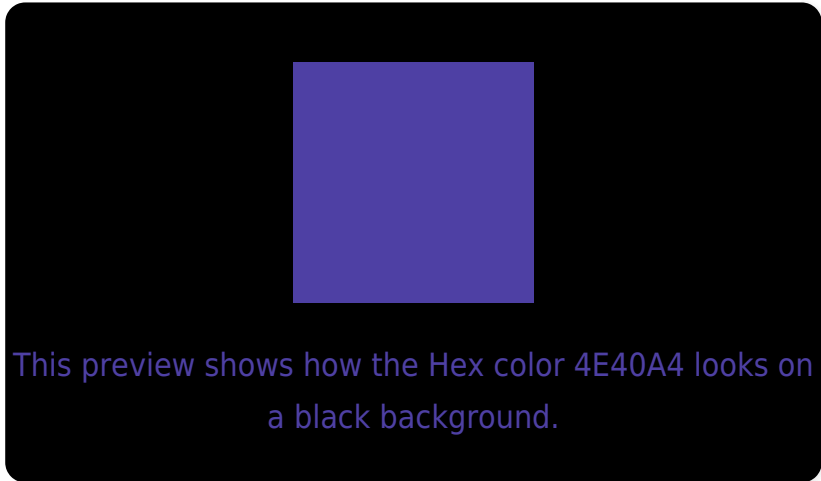
Large Text (above 18pt) WCAG AA ✓ Pass

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

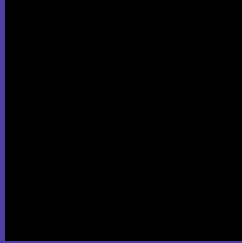
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E40A4 Background



This preview shows how black text looks on a background with the Hex color 4E40A4.

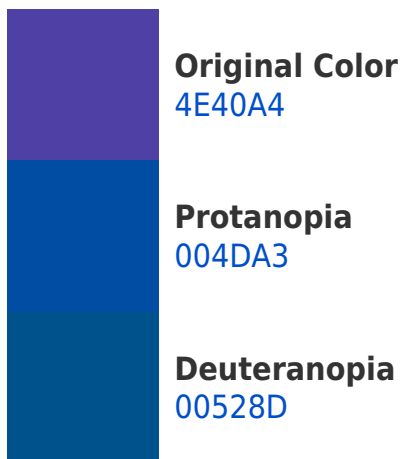


This preview shows how white text looks on a background with the Hex color 4E40A4.

# 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](#).

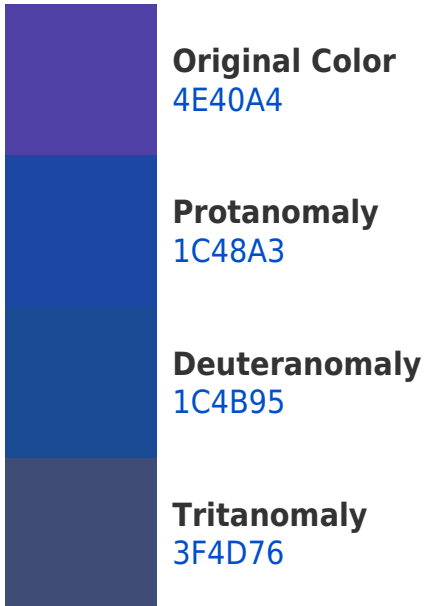
## Dichromacy



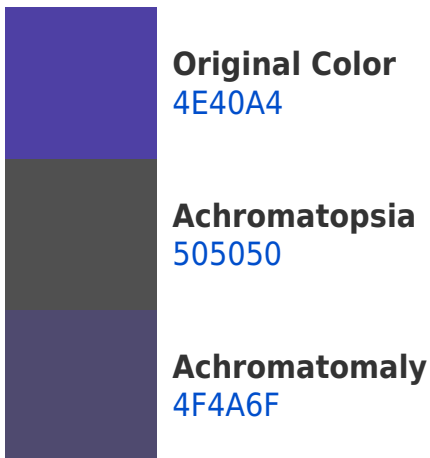


**Tritanopia**  
36555B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E40A4 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 #4E40A4 looks like.

```
.text, #text, p{  
    color:#4E40A4  
}
```

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 #4E40A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E40A4
}
```

## Border

The CSS property to change the border of an element to Hex 4E40A4 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
#4E40A4 }
```

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

```
.border{ border-color:#4E40A4 }
```

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

Here you see how a box with a 4 pixel #4E40A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E40A4; -webkit-box-shadow:4px 4px  
4px 4px #4E40A4; box-shadow:4px 4px 4px  
4px #4E40A4 }
```

# Background

The CSS property to change the background color of an element to Hex 4E40A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E40A4 }
```

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

```
.background{ background-color:#4E40A4 }
```

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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