

Converting Colors

Hex(4E46EC)

Have a look what the booklet for
Hex(4E46EC) contains.

Hex(4E46EC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4E46EC)

Conversions

Conversions Part 1

Format	Color
Hex	4E46EC
RGB	78, 70, 236
RGB Percent	31%, 27%, 93%
CMY	0.6941, 0.7255, 0.0745
CMYK	0.67, 0.70, 0.00, 0.07
HSL	243°, 81%, 60%
HSV	243°, 70%, 93%
XYZ	20.4724, 12.0561, 80.6049
YIQ	91.3160, -48.5180, 53.3220

Conversions

Conversions Part 2

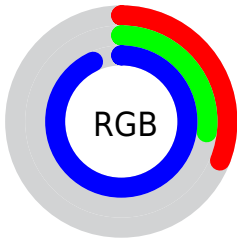
Format	Color
R _Y B	78, 70, 236
Decimal	5129964
CIE Lab	41.31, 52.71, -82.12
CIE LCh	41, 97.585, 302.696
Yxy	12.0561, 0.1810, 0.1066
Android (android.graphics.Color)	4283320044 (0xFF4E46EC)
YUV	91.3160, 71.3292, -11.6781
Hunter-Lab	34.7220, 44.4817, -113.3328

Details

The Hex color **4E46EC** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **E4EC46**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **9178FF**, and **0017B3** is the 20% darker color. If you saturate the color by 10%, you get **382EEC**, and if you desaturate by 10%, it is **645EEC**.

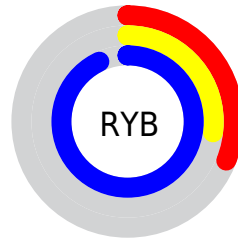
Distribution



Red (31%)

Green (27%)

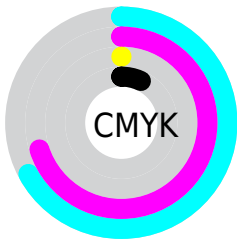
Blue (93%)



Red (31%)

Yellow (27%)

Blue (93%)

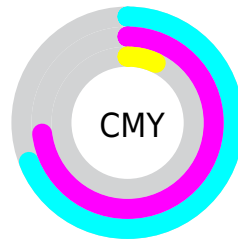


Cyan (67%)

Magenta (70%)

Yellow (0%)

Black (7%)



Cyan (69%)

Magenta (73%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E46EC 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 4E46EC by changing the saturation by 10% instead.

 4E46EC

 4E46EC

FFFFFF

 202ECF

 9178FF

 0017B3

 B092FF

 000197

 CFADFF

 00007C

 EFC9FF

 000462

 FFE5FF

 000949

 000432

 00011C

 000000

 4E46EC

 4E46EC

 382EEC

 645EEC

 2117EC

 7B75EC

 0B00EC

 918DEC

 A8A4EC

 BEBCEC

 D5D4EC

 EBEBEC

 FFFFEC

Harmonies

Analogous

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



006DFF



4E46EC



C000AD

Triad

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



4E46EC



AF3B00



007E67

Complementary

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



4E46EC



E4EC46

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.



007B00



4E46EC



716200

Square

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



4E46EC



D8000F



007300



007FB8

Rectangle

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



4E46EC



DD0079



007300



007D4B

Sweetspot

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



4E46EC



CCC9FF



46E6EC



616080



000000



808080

Same Dimension

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



4E46EC



3329FF



9F46EC



6A6A75



0900B5



030036

Inverse Universe

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



EC46E4



FF29F5



93EC46



756A75



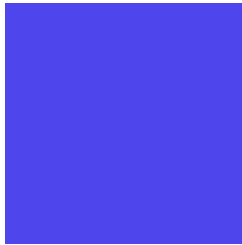
B500AC



360033

Previews

White Background



This preview shows how the Hex color 4E46EC looks on a white background.

Color Contrast Check

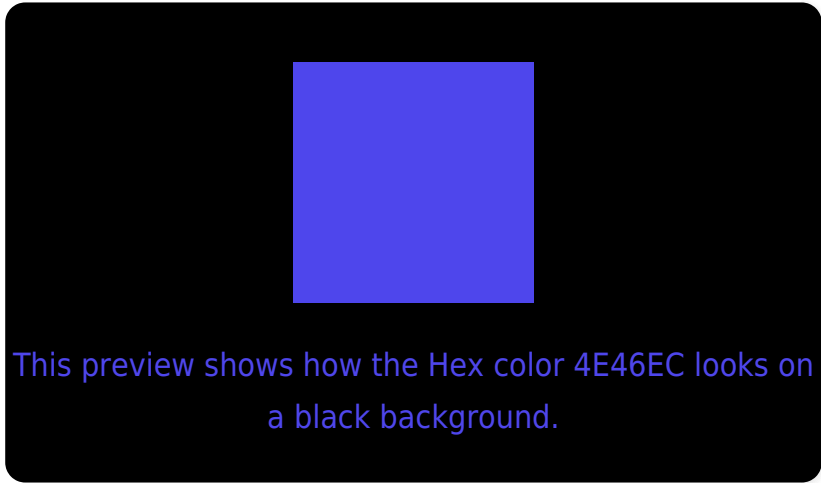
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

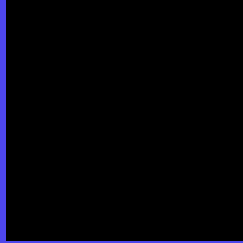
Any Text WCAG AA × Fail

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 4E46EC Background



This preview shows how black text looks on a background with the Hex color 4E46EC.

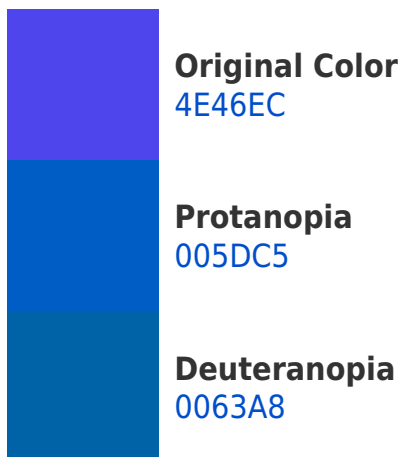


This preview shows how white text looks on a background with the Hex color 4E46EC.

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](#).

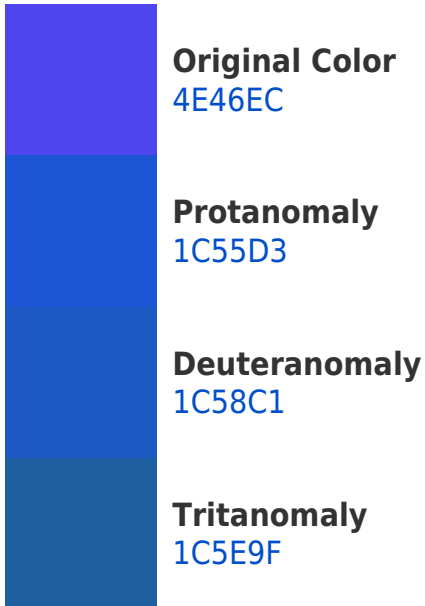
Dichromacy





Tritanopia
006B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E46EC 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 #4E46EC looks like.

```
.text, #text, p{  
    color:#4E46EC  
}
```

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 #4E46EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E46EC  
}
```

Border

The CSS property to change the border of an element to Hex 4E46EC is called "border". The border property can be set on classes, ids or directly on the HTML element.

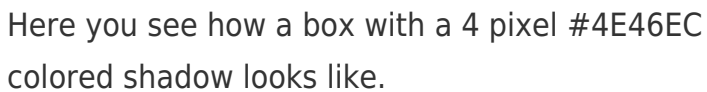
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4E46EC }
```

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

```
.border{ border-color:#4E46EC }
```

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



Here you see how a box with a 4 pixel #4E46EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E46EC; -webkit-box-shadow:4px 4px  
4px 4px #4E46EC; box-shadow:4px 4px 4px  
4px #4E46EC }
```

Background

The CSS property to change the background color of an element to Hex 4E46EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E46EC }
```

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

```
.background{ background-color:#4E46EC }
```

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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