

# Converting Colors

Hex(4E37F0)

Have a look what the booklet for  
Hex(4E37F0) contains.

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# Color

**Hex(4E37F0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E37F0
RGB	78, 55, 240
RGB Percent	31%, 22%, 94%
CMY	0.6941, 0.7843, 0.0588
CMYK	0.67, 0.77, 0.00, 0.06
HSL	247°, 86%, 58%
HSV	247°, 77%, 94%
XYZ	20.2362, 10.6433, 83.4259
YIQ	82.9670, -45.6770, 62.4110

# Conversions

## Conversions Part 2

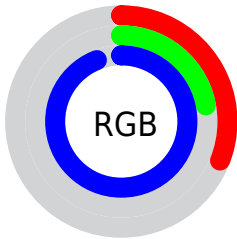
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	78, 55, 240
Decimal	5126128
CIE Lab	38.97, 61.61, -88.23
CIE LCh	39, 107.611, 304.926
Yxy	10.6433, 0.1770, 0.0931
Android (android.graphics.Color)	4283316208 (0xFF4E37F0)
YUV	82.9670, 77.4173, -4.3561
Hunter-Lab	32.6241, 53.6285, -128.7784

# Details

The Hex color **4E37F0** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **D9F037**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **936AFF**, and **0000B6** is the 20% darker color. If you saturate the color by 10%, you get **391FF0**, and if you desaturate by 10%, it is **634FF0**.

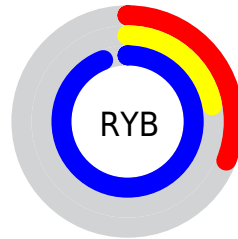
# Distribution



Red (31%)

Green (22%)

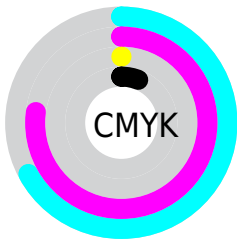
Blue (94%)



Red (31%)

Yellow (22%)

Blue (94%)

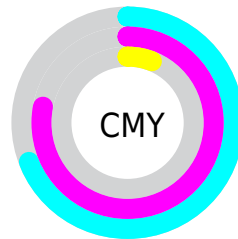


Cyan (67%)

Magenta (77%)

Yellow (0%)

Black (6%)



Cyan (69%)

Magenta (78%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E37F0 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 4E37F0 by changing the saturation by 10% instead.



 4E37F0

 4E37F0

FFFFFF

 1D1DD3

 936AFF

 0000B6

 B385FF

 00009B

 D2A0FF

 000080

 F2BBFF

 000665

 FFD8FF

 00094C

 FFF5FF

 000534

 00021E

 000001

 4E37F0

 4E37F0

 391FF0

 634FF0

 2407F0

 7867F0

 1E00F0

 8D7FF0

 A297F0

 B7AFF0

 CCC7F0

 E1DFF0

 F6F7F0

 FFFFF0

# Harmonies

## Analogous

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



0067FF



4E37F0



C700A8

# Triad

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



4E37F0



A83300



007969

# Complementary

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



4E37F0



D9F037

# 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.



007600



4E37F0



645E00

# Square

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



4E37F0



D70000



006F00



007BC0

# Rectangle

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



4E37F0



E2006F



006F00



00784A



# Sweetspot

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



4E37F0



CCC4FF



37DAF0



605C80



000000



808080



# Same Dimension

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



4E37F0



2F12FF



A937F0



6D6C78



1700B8



070038



# Inverse Universe

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



F037D9



FF12E2



7EF037



786C76



B800A1

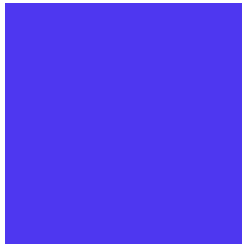


380031



# Previews

## White Background



This preview shows how the Hex color 4E37F0 looks on a white background.

## Color Contrast Check

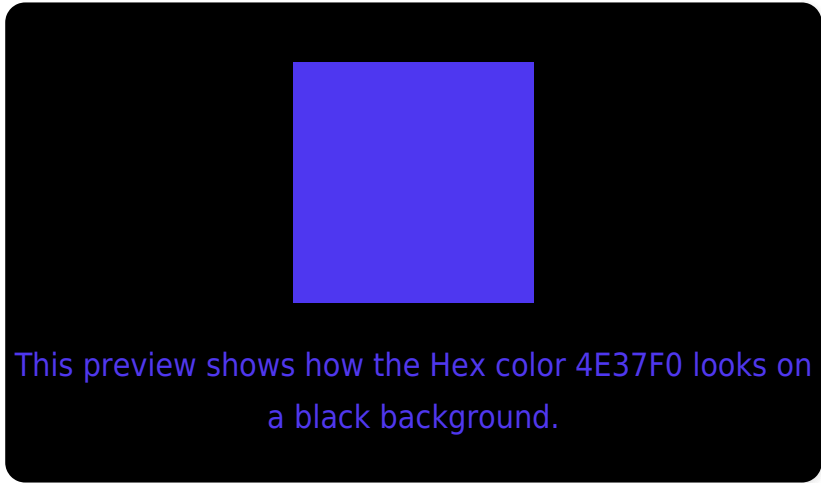
Large Text (above 18pt) WCAG AA ✓ Pass

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

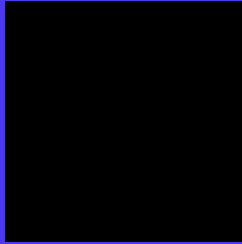
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4E37F0 Background



This preview shows how black text looks on a background with the Hex color 4E37F0.



This preview shows how white text looks on a background with the Hex color 4E37F0.

# 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](#).

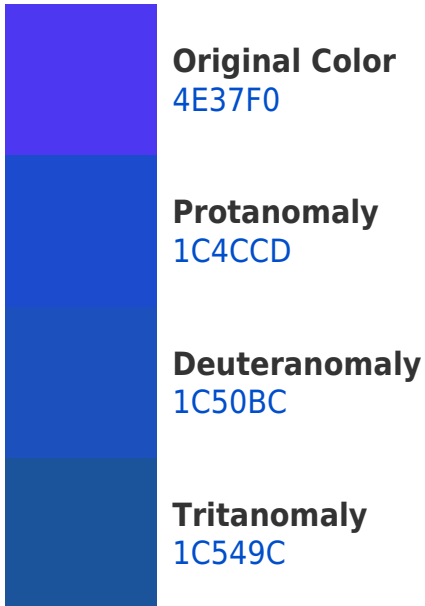
## Dichromacy



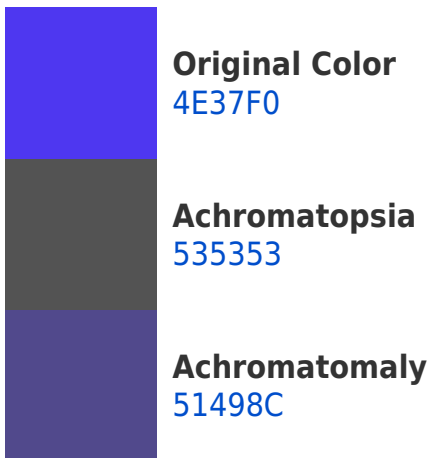


**Tritanopia**  
00656C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E37F0 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 #4E37F0 looks like.

```
.text, #text, p{  
    color:#4E37F0  
}
```

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 #4E37F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E37F0  
}
```

## Border

The CSS property to change the border of an element to Hex 4E37F0 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  
#4E37F0 }
```

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

```
.border{ border-color:#4E37F0 }
```

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

Here you see how a box with a 4 pixel #4E37F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E37F0; -webkit-box-shadow:4px 4px  
4px 4px #4E37F0; box-shadow:4px 4px 4px  
4px #4E37F0 }
```

# Background

The CSS property to change the background color of an element to Hex 4E37F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E37F0 }
```

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

```
.background{ background-color:#4E37F0 }
```

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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