

Converting Colors

Hex(4E36FC)

Have a look what the booklet for
Hex(4E36FC) contains.

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Color

Hex(4E36FC)

Conversions

Conversions Part 1

Format	Color
Hex	4E36FC
RGB	78, 54, 252
RGB Percent	31%, 21%, 99%
CMY	0.6941, 0.7882, 0.0118
CMYK	0.69, 0.79, 0.00, 0.01
HSL	247°, 97%, 60%
HSV	247°, 79%, 99%
XYZ	22.0317, 11.2863, 93.1127
YIQ	83.7480, -49.2540, 66.6660

Conversions

Conversions Part 2

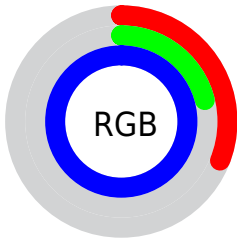
Format	Color
R_{YB}	78, 54, 252
Decimal	5125884
CIE _{Lab}	40.06, 65.51, -93.18
CIE _{LCh}	40, 113.907, 305.108
Yxy	11.2863, 0.1743, 0.0893
Android (android.graphics.Color)	4283315964 (0xFF4E36FC)
YUV	83.7480, 82.9482, -5.0410
Hunter-Lab	33.5951, 58.2692, -140.8126

Details

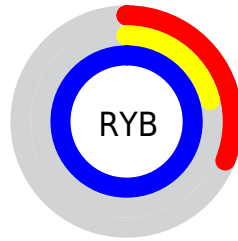
The Hex color **4E36FC** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **E4FC36**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **956AFF**, and **0000C2** is the 20% darker color. If you saturate the color by 10%, you get **381DFC**, and if you desaturate by 10%, it is **644FFC**.

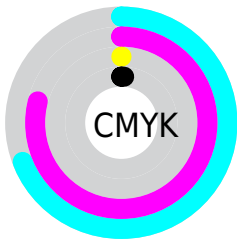
Distribution



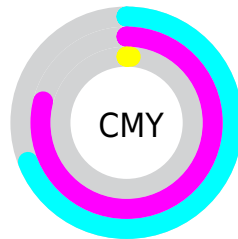
- Red (31%)
- Green (21%)
- Blue (99%)



- Red (31%)
- Yellow (21%)
- Blue (99%)



- Cyan (69%)
- Magenta (79%)
- Yellow (0%)
- Black (1%)



- Cyan (69%)
- Magenta (79%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4E36FC 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 4E36FC by changing the saturation by 10% instead.

 4E36FC

 4E36FC

FFFFFF

 171BDF

 956AFF

 0000C2

 B585FF

 0000A6

 D5A0FF

 00008A

 F5BCFF

 00036F


 FFD8FF

 000C56

 FFF5FF

 00063E

 000327

 000110

■ 4E36FC

■ 4E36FC

■ 381DFC

■ 644FFC

■ 2204FC

■ 7A68FC

■ 1F00FC

■ 9082FC

■ A79BFC

■ BDB4FC

■ D3CDFC

■ E9E6FC

FFFFFC

Harmonies

Analogous

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



006BFF



4E36FC



D000AF

Triad

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



4E36FC



AE3300



007C6D

Complementary

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



4E36FC



E4FC36

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.



007900



4E36FC



666100

Square

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



4E36FC



E10000



007300



007FCA

Rectangle

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



4E36FC



ED0072



007300



007C4C

Sweetspot

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



4E36FC



C9C2FF



36E5FC



5F5B80



000000



808080

Same Dimension

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



4E36FC



2C0FFF



B036FC



72707D



1700BD



07003D

Inverse Universe

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



FC36E4



FF0FE2



82FC36



7D707B



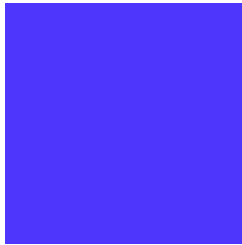
BD00A6



3D0036

Previews

White Background



This preview shows how the Hex color 4E36FC looks on a white background.

Color Contrast Check

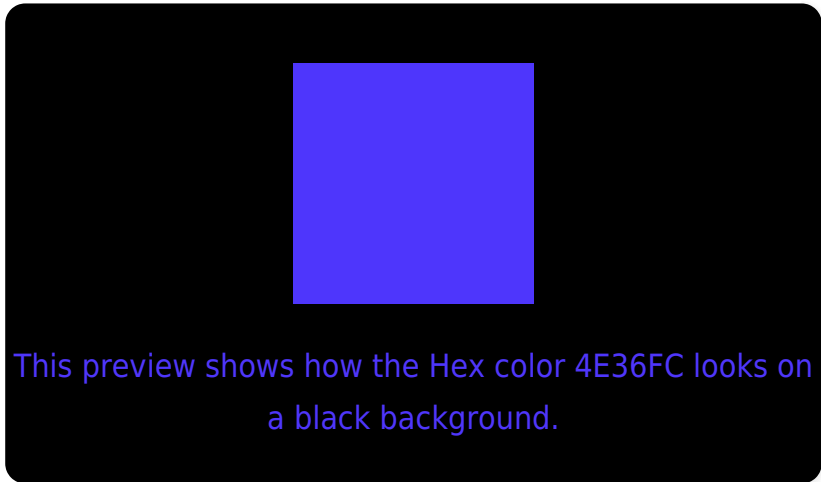
Large Text (above 18pt) WCAG AA ✓ Pass

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

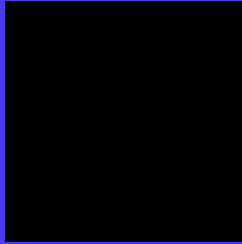
Any Text WCAG AA × Fail

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 4E36FC Background



This preview shows how black text looks on a background with the Hex color 4E36FC.

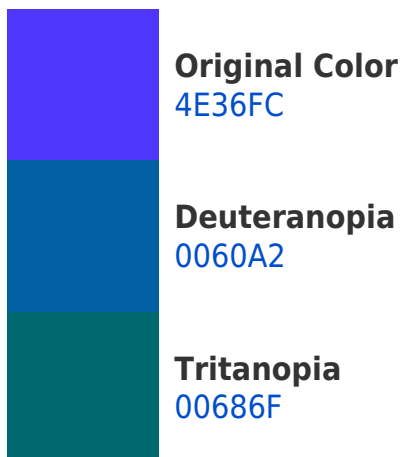


This preview shows how white text looks on a background with the Hex color 4E36FC.

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



Trichromacy



Original Color
4E36FC

Deuteranomaly
1C51C3

Tritanomaly
1C56A2

Monochromacy



Original Color
4E36FC

Achromatopsia
545454

Achromatomaly
524991

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E36FC 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 #4E36FC looks like.

```
.text, #text, p{  
    color:#4E36FC  
}
```

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 #4E36FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E36FC
}
```

Border

The CSS property to change the border of an element to Hex 4E36FC 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".

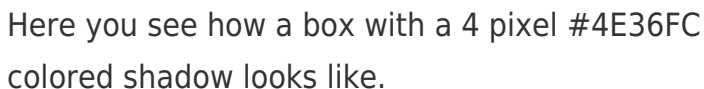
```
.border, #border, table{ border:4px solid
#4E36FC }
```

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

```
.border{ border-color:#4E36FC }
```

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

Here you see how a box with a 4 pixel #4E36FC colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4-pixel offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E36FC; -webkit-box-shadow:4px 4px  
4px 4px #4E36FC; box-shadow:4px 4px 4px  
4px #4E36FC }
```

Background

The CSS property to change the background color of an element to Hex 4E36FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E36FC }
```

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

```
.background{ background-color:#4E36FC }
```

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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