

Converting Colors

Hex(4E16FB)

Have a look what the booklet for
Hex(4E16FB) contains.

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Color

Hex(4E16FB)

Conversions

Conversions Part 1

Format	Color
Hex	4E16FB
RGB	78, 22, 251
RGB Percent	31%, 9%, 98%
CMY	0.6941, 0.9137, 0.0157
CMYK	0.69, 0.91, 0.00, 0.02
HSL	255°, 97%, 54%
HSV	255°, 91%, 98%
XYZ	20.8414, 9.1586, 91.9361
YIQ	64.8500, -40.1330, 83.0910

Conversions

Conversions Part 2

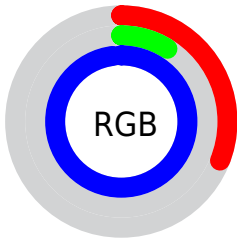
Format	Color
R _Y B	78, 22, 251
Decimal	5117691
CIE Lab	36.29, 76.13, -98.88
CIE LCh	36, 124.794, 307.593
Yxy	9.1586, 0.1709, 0.0751
Android (android.graphics.Color)	4283307771 (0xFF4E16FB)
YUV	64.8500, 91.7720, 11.5326
Hunter-Lab	30.2631, 69.9677, -158.9326

Details

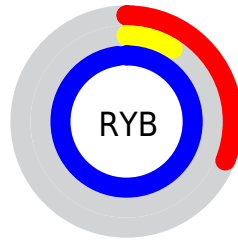
The Hex color **4E16FB** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed blue. A complement of this color would be **C3FB16**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **9654FF**, and **0000C1** is the 20% darker color. If you saturate the color by 10%, you get **3D00FB**, and if you desaturate by 10%, it is **612FFB**.

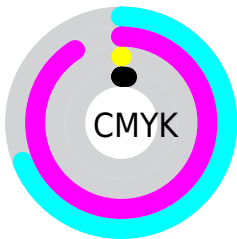
Distribution



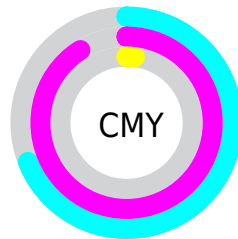
- Red (31%)
- Green (9%)
- Blue (98%)



- Red (31%)
- Yellow (9%)
- Blue (98%)



- Cyan (69%)
- Magenta (91%)
- Yellow (0%)
- Black (2%)



- Cyan (69%)
- Magenta (91%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E16FB 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 4E16FB by changing the saturation by 10% instead.

 4E16FB

 4E16FB

FFFFFF

 1300DE


 9654FF

 0000C1

 B76FFF

 0000A4

 D88BFF

 000089

 F8A7FF

 00076E

 FFC3FF

 000C55

 FFE0FF

 00063D

FFFEFF

 000226

 00010F

■ 4E16FB

■ 4E16FB

■ 3D00FB

■ 612FFB

■ 7448FB

■ 8761FB

■ 9A7AFB

■ AD93FB

■ C0ADFB

■ D3C6FB

■ E6DFFB

■ F9F8FB

Harmonies

Analogous

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



0062FF



4E16FB



D400A5

Triad

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



4E16FB



A22900



00736E

Complementary

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



4E16FB



C3FB16

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.



007000



4E16FB



525B00

Square

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



4E16FB



DA0000



006B00



0077D2

Rectangle

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



4E16FB



EE0063



006B00



00724B

Sweetspot

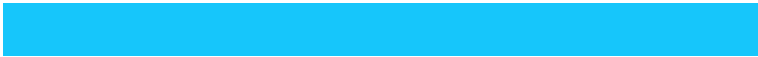
The Sweet Spot groups the original color and five complimentary colors.



4E16FB



CBBAFF



16C6FB



615780



000000



808080

Same Dimension

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



4E16FB



3E00FF



BE16FB



74707D



2E00BD



0F003D

Inverse Universe

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



FB16C3



FF00C1



53FB16



7D707A



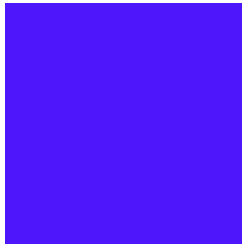
BD008F



3D002E

Previews

White Background



This preview shows how the Hex color 4E16FB looks on a white background.

Color Contrast Check

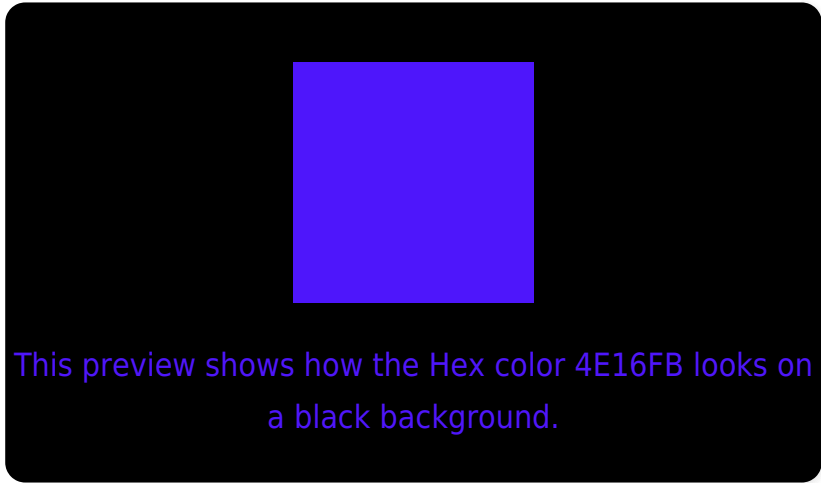
Large Text (above 18pt) WCAG AA ✓ Pass

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

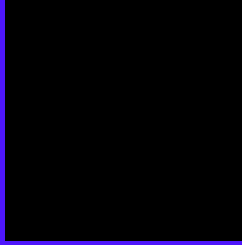
Any Text WCAG AA × Fail

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 4E16FB Background



This preview shows how black text looks on a background with the Hex color 4E16FB.



This preview shows how white text looks on a background with the Hex color 4E16FB.

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
4E16FB

Protanopia
0052AC

Deuteranopia
005892



Tritanopia
005E64

Trichromacy



Original Color
4E16FB

Protanomaly
1C3CC9

Deuteranomaly
1C40B8

Tritanomaly
1C449B

Monochromacy



Original Color
4E16FB

Achromatopsia
414141

Achromatomaly
463185

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E16FB 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 #4E16FB looks like.

```
.text, #text, p{  
    color:#4E16FB  
}
```

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 #4E16FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E16FB
}
```

Border

The CSS property to change the border of an element to Hex 4E16FB is called "border". The border property can be set on classes, ids or directly on the HTML element.

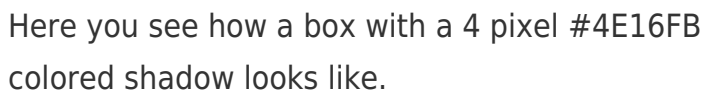
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E16FB }
```

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

```
.border{ border-color:#4E16FB }
```

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



Here you see how a box with a 4 pixel #4E16FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E16FB; -webkit-box-shadow:4px 4px  
4px 4px #4E16FB; box-shadow:4px 4px 4px  
4px #4E16FB }
```

Background

The CSS property to change the background color of an element to Hex 4E16FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E16FB }
```

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

```
.background{ background-color:#4E16FB }
```

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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