

Converting Colors

Hex(4A51EF)

Have a look what the booklet for
Hex(4A51EF) contains.

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Color

Hex(4A51EF)

Conversions

Conversions Part 1

Format	Color
Hex	4A51EF
RGB	74, 81, 239
RGB Percent	29%, 32%, 94%
CMY	0.7098, 0.6824, 0.0627
CMYK	0.69, 0.66, 0.00, 0.06
HSL	237°, 84%, 61%
HSV	237°, 69%, 94%
XYZ	21.3465, 13.5727, 83.1561
YIQ	96.9190, -54.8900, 47.6540

Conversions

Conversions Part 2

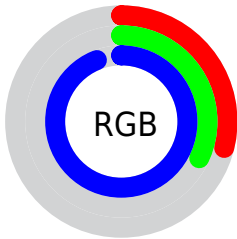
Format	Color
R _Y B	74, 81, 239
Decimal	4870639
CIE Lab	43.61, 46.97, -80.03
CIE LCh	44, 92.795, 300.408
Yxy	13.5727, 0.1808, 0.1149
Android (android.graphics.Color)	4283060719 (0xFF4A51EF)
YUV	96.9190, 70.0459, -20.1000
Hunter-Lab	36.8411, 38.9543, -108.0377

Details

The Hex color **4A51EF** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **EFE84A**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8E83FF**, and **0023B6** is the 20% darker color. If you saturate the color by 10%, you get **323AEF**, and if you desaturate by 10%, it is **6268EF**.

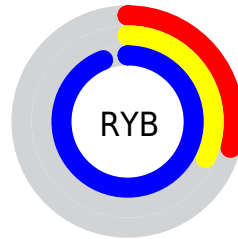
Distribution



Red (29%)

Green (32%)

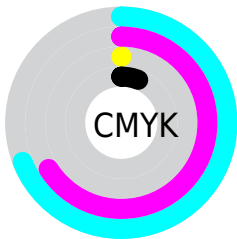
Blue (94%)



Red (29%)

Yellow (32%)

Blue (94%)

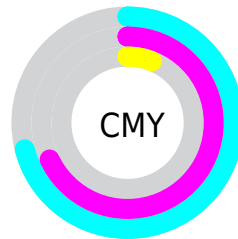


Cyan (69%)

Magenta (66%)

Yellow (0%)

Black (6%)



Cyan (71%)

Magenta (68%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A51EF 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 4A51EF by changing the saturation by 10% instead.

 4A51EF

 4A51EF

FFFFFF

 183AD2

 8E83FF

 0023B6

 AD9DFF

 000F9A

 CCB8FF

 00007F

 ECD4FF

 000265

 FFF1FF

 00094C

 000434

 00021E

 000000

 4A51EF

 4A51EF

 323AEF

 6268EF

 1A23EF

 7A7FEF

 020CEF

 9296EF

 000AEF

 AADEF

 C2C3EF

 D9DAEF

 F1F1EF

 FFFFEF

Harmonies

Analogous

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



0073FF



4A51EF



BE00B5

Triad

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



4A51EF



B73F00



008366

Complementary

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



4A51EF



EFE84A

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.



008004



4A51EF



7D6500

Square

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



4A51EF



DD001F



267800



0085B4

Rectangle

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



4A51EF



DD0083



267800



00824B

Sweetspot

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



4A51EF



C9CCFF



4AEFE7



606180



000000



808080

Same Dimension

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



4A51EF



2B34FF



944AEF



6C6C78



0008B8



000238

Inverse Universe

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



EF4A51



FF2B34



A5EF4A



786C6C



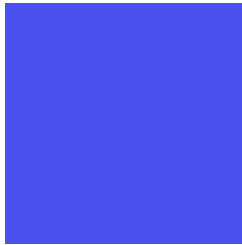
B80008



380002

Previews

White Background



This preview shows how the Hex color 4A51EF looks on a white background.

Color Contrast Check

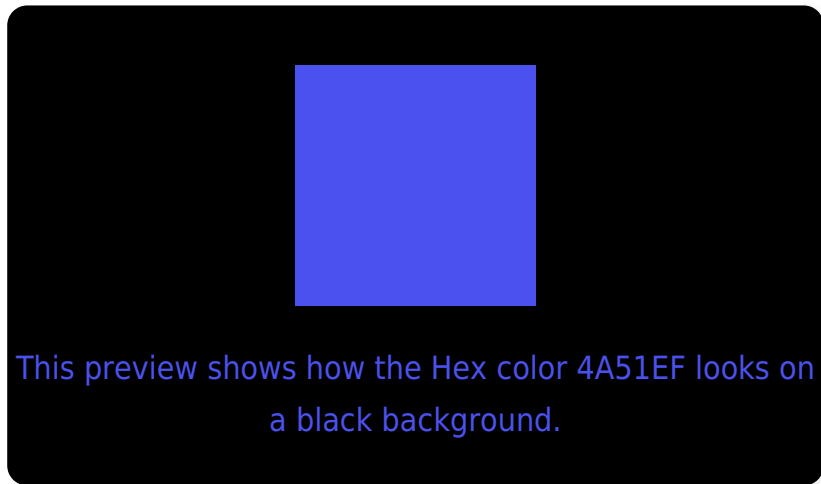
Large Text (above 18pt) WCAG AA ✓ Pass

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

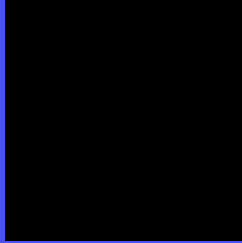
Any Text WCAG AA × Fail

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 4A51EF Background



This preview shows how black text looks on a background with the Hex color 4A51EF.



This preview shows how white text looks on a background with the Hex color 4A51EF.

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](#).

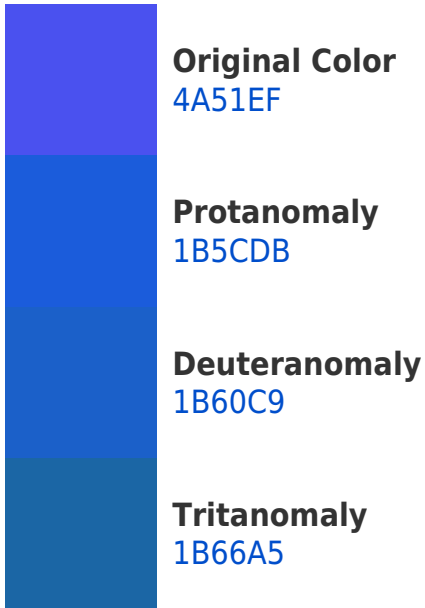
Dichromacy





Tritanopia
00727A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A51EF 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 #4A51EF looks like.

```
.text, #text, p{  
    color:#4A51EF  
}
```

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 #4A51EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A51EF
}
```

Border

The CSS property to change the border of an element to Hex 4A51EF 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
#4A51EF }
```

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

```
.border{ border-color:#4A51EF }
```

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

Here you see how a box with a 4 pixel #4A51EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A51EF; -webkit-box-shadow:4px 4px  
4px 4px #4A51EF; box-shadow:4px 4px 4px  
4px #4A51EF }
```

Background

The CSS property to change the background color of an element to Hex 4A51EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A51EF }
```

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

```
.background{ background-color:#4A51EF }
```

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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