

Converting Colors

Hex(5A46EF)

Have a look what the booklet for
Hex(5A46EF) contains.

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Color

Hex(5A46EF)

Conversions

Conversions Part 1

Format	Color
Hex	5A46EF
RGB	90, 70, 239
RGB Percent	35%, 27%, 94%
CMY	0.6471, 0.7255, 0.0627
CMYK	0.62, 0.71, 0.00, 0.06
HSL	247°, 84%, 61%
HSV	247°, 71%, 94%
XYZ	21.9866, 12.7860, 82.9705
YIQ	95.2460, -42.3290, 56.7990

Conversions

Conversions Part 2

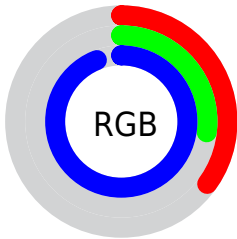
Format	Color
R_{YB}	90, 70, 239
Decimal	5916399
CIE _{Lab}	42.44, 55.04, -81.92
CIE _{LCh}	42, 98.694, 303.896
Yxy	12.7860, 0.1867, 0.1086
Android (android.graphics.Color)	4284106479 (0xFF5A46EF)
YUV	95.2460, 70.8707, -4.6007
Hunter-Lab	35.7575, 47.1807, -112.5443

Details

The Hex color **5A46EF** 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 **DBEF46**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **9B79FF**, and **0015B6** is the 20% darker color. If you saturate the color by 10%, you get **452EEF**, and if you desaturate by 10%, it is **6F5EEF**.

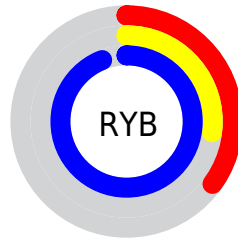
Distribution



Red (35%)

Green (27%)

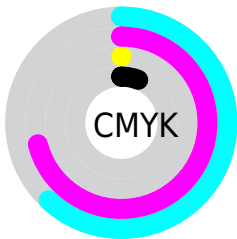
Blue (94%)



Red (35%)

Yellow (27%)

Blue (94%)

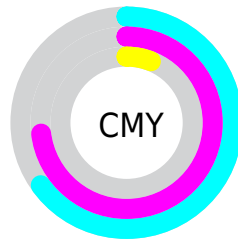


Cyan (62%)

Magenta (71%)

Yellow (0%)

Black (6%)



Cyan (65%)

Magenta (73%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A46EF 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 5A46EF by changing the saturation by 10% instead.

 5A46EF

 5A46EF

FFFFFF

 332ED2

 9B79FF

 0015B6

 BA93FF

 00009A

 D9AEFF

 00007F

 F8CAFF

 000065

 FFE7FF

 00094C

 000434

 00021E

 000000

 5A46EF

 5A46EF

 452EEF

 6F5EEF

 3016EF

 8476EF

 1C00EF

 998EEF

 AEA6EF

 C3BDEF

 D8D5EF

 EEEDEF

 FFFFEF

Harmonies

Analogous

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



006EFF



5A46EF



C700AE

Triad

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



5A46EF



B13F00



00816D

Complementary

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



5A46EF



DBEF46

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.



007E09



5A46EF



716500

Square

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



5A46EF



DC000B



007700



0082BF

Rectangle

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



5A46EF



E30079



007700



008051

Sweetspot

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



5A46EF



D0C9FF



46DBEF



636080



000000



808080

Same Dimension

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



5A46EF



4026FF



AE46EF



6D6C78



1600B8



070038

Inverse Universe

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



EF46DB



FF26E5



87EF46



786C76



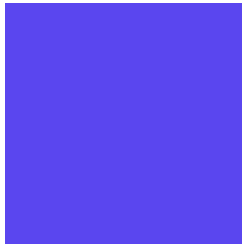
B800A2



380031

Previews

White Background



This preview shows how the Hex color 5A46EF looks on a white background.

Color Contrast Check

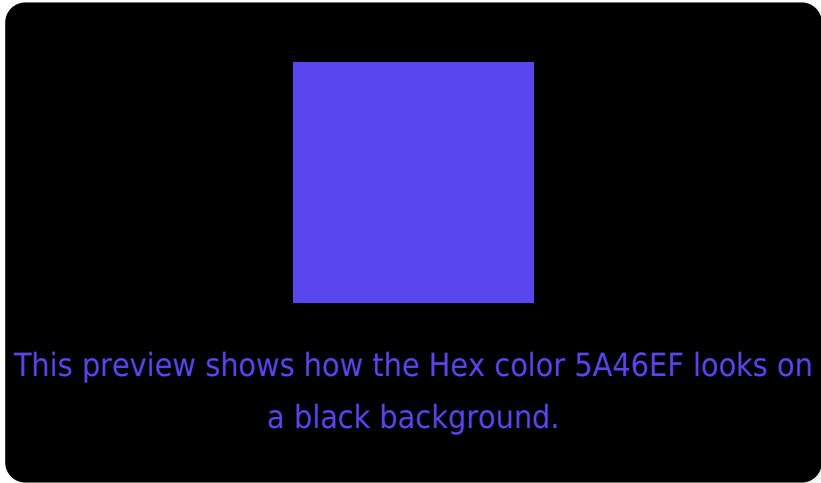
Large Text (above 18pt) WCAG AA ✓ Pass

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

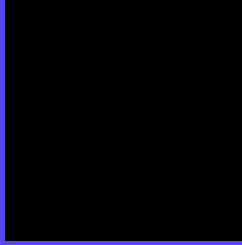
Any Text WCAG AA × Fail

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 5A46EF Background



This preview shows how black text looks on a background with the Hex color 5A46EF.

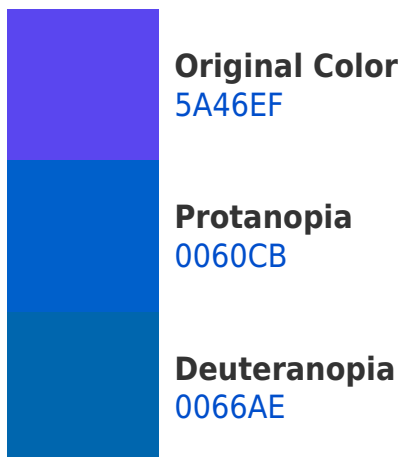


This preview shows how white text looks on a background with the Hex color 5A46EF.

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
0F6E77

Trichromacy



Original Color
5A46EF



Protanomaly
2157D8



Deuteranomaly
215AC6



Tritanomaly
2A5FA3

Monochromacy



Original Color
5A46EF



Achromatopsia
5F5F5F



Achromatomaly
5D5693

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A46EF 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 #5A46EF looks like.

```
.text, #text, p{  
  color:#5A46EF  
}
```

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 #5A46EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A46EF
}
```

Border

The CSS property to change the border of an element to Hex 5A46EF is called "border". The border property can be set on classes, ids or directly on the HTML element.

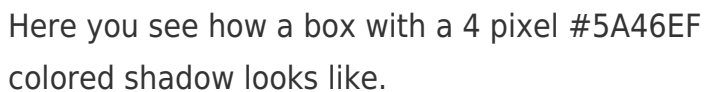
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A46EF }
```

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

```
.border{ border-color:#5A46EF }
```

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



Here you see how a box with a 4 pixel #5A46EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A46EF; -webkit-box-shadow:4px 4px  
4px 4px #5A46EF; box-shadow:4px 4px 4px  
4px #5A46EF }
```

Background

The CSS property to change the background color of an element to Hex 5A46EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A46EF }
```

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

```
.background{ background-color:#5A46EF }
```

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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