

Converting Colors

Hex(4A2FEC)

Have a look what the booklet for
Hex(4A2FEC) contains.

Hex(4A2FEC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4A2FEC)

Conversions

Conversions Part 1

Format	Color
Hex	4A2FEC
RGB	74, 47, 236
RGB Percent	29%, 18%, 93%
CMY	0.7098, 0.8157, 0.0745
CMYK	0.69, 0.80, 0.00, 0.07
HSL	249°, 83%, 55%
HSV	249°, 80%, 93%
XYZ	18.9809, 9.5450, 80.1988
YIQ	76.6190, -44.5770, 64.5030

Conversions

Conversions Part 2

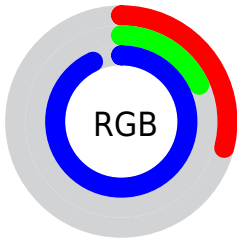
Format	Color
R_{YB}	74, 47, 236
Decimal	4861932
CIE Lab	37.01, 63.75, -89.22
CIE LCh	37, 109.654, 305.548
Yxy	9.5450, 0.1746, 0.0878
Android (android.graphics.Color)	4283052012 (0xFF4A2FEC)
YUV	76.6190, 78.5748, -2.2969
Hunter-Lab	30.8950, 55.5984, -132.2816

Details

The Hex color **4A2FEC** 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 **D1EC2F**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **9063FF**, and **0000B2** is the 20% darker color. If you saturate the color by 10%, you get **3617EC**, and if you desaturate by 10%, it is **5E47EC**.

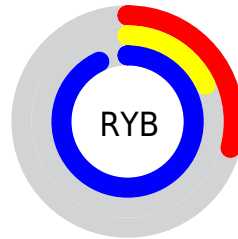
Distribution



Red (29%)

Green (18%)

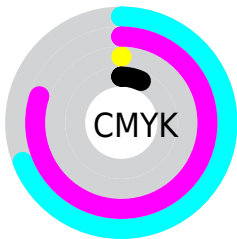
Blue (93%)



Red (29%)

Yellow (18%)

Blue (93%)

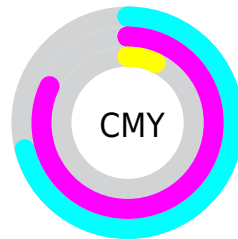


Cyan (69%)

Magenta (80%)

Yellow (0%)

Black (7%)



Cyan (71%)

Magenta (82%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A2FEC 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 4A2FEC by changing the saturation by 10% instead.

 4A2FEC

 4A2FEC

FFFFFF

 1413CF

 9063FF

 0000B2

 B07DFF

 000097

 CF98FF

 00007C

 EFB4FF

 000A62

 FFD0FF

 000949

 FFEDFF

 000431

 00011B

 000000

 4A2FEC

 4A2FEC

 3617EC

 5E47EC

 2200EC

 725EEC

 8776EC

 9B8DEC

 AFA5EC

 C3BDEC

 D8D4EC

 ECECEC

 FFFFEC

Harmonies

Analogous

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



0063FF



4A2FEC



C400A2

Triad

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



4A2FEC



A22E00



007366

Complementary

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



4A2FEC



D1EC2F

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.



007100



4A2FEC



5C5A00

Square

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



4A2FEC



D20000



006B00



0076BF

Rectangle

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



4A2FEC



DF0069



006B00



007247

Sweetspot

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



4A2FEC



CBC2FF



2FD3EC



605B80



000000



808080

Same Dimension

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



4A2FEC



2D0AFF



A72FEC



6B6A75



1A00B5



080036

Inverse Universe

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



EC2FD1



FF0ADC



74EC2F



756A74



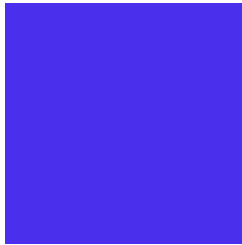
B5009B



36002E

Previews

White Background



This preview shows how the Hex color 4A2FEC looks on a white background.

Color Contrast Check

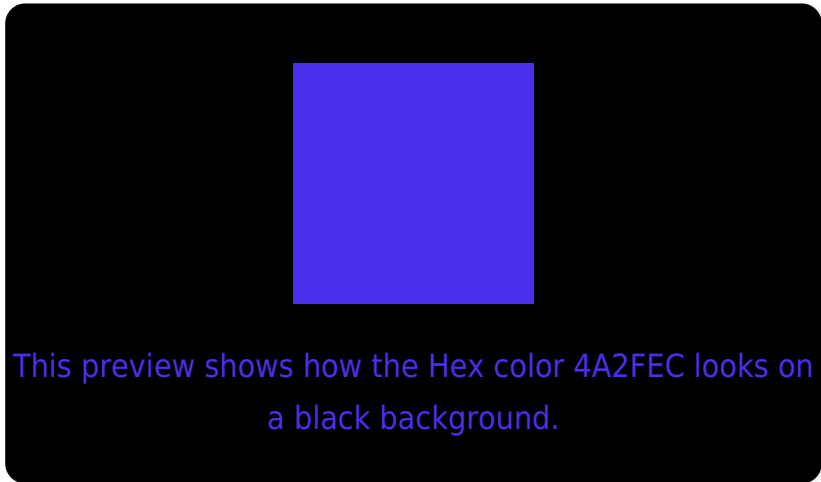
Large Text (above 18pt) WCAG AA ✓ Pass

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

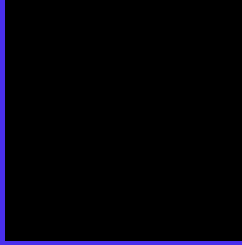
Any Text WCAG AA × Fail

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 4A2FEC Background



This preview shows how black text looks on a background with the Hex color 4A2FEC.

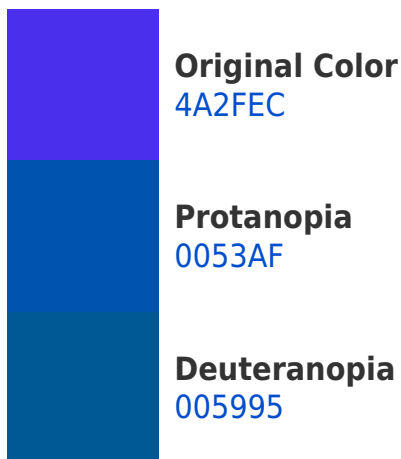


This preview shows how white text looks on a background with the Hex color 4A2FEC.

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
4A2FEC

Protanomaly
1B46C5

Deuteranomaly
1B4AB5

Tritanomaly
1B4E97

Monochromacy



Original Color
4A2FEC

Achromatopsia
4D4D4D

Achromatomaly
4C4287

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A2FEC 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 #4A2FEC looks like.

```
.text, #text, p{  
    color:#4A2FEC  
}
```

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 #4A2FEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A2FEC
}
```

Border

The CSS property to change the border of an element to Hex 4A2FEC is called "border". The border property can be set on classes, ids or directly on the HTML element.

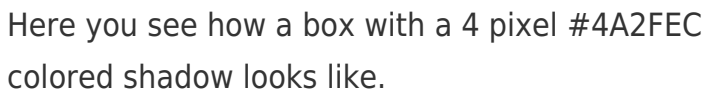
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A2FEC }
```

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

```
.border{ border-color:#4A2FEC }
```

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



Here you see how a box with a 4 pixel #4A2FEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A2FEC; -webkit-box-shadow:4px 4px  
4px 4px #4A2FEC; box-shadow:4px 4px 4px  
4px #4A2FEC }
```

Background

The CSS property to change the background color of an element to Hex 4A2FEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A2FEC }
```

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

```
.background{ background-color:#4A2FEC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor