

# Converting Colors

Hex(4A0EF1)

Have a look what the booklet for  
Hex(4A0EF1) contains.

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# Color

**Hex(4A0EF1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4A0EF1
RGB	74, 14, 241
RGB Percent	29%, 5%, 95%
CMY	0.7098, 0.9451, 0.0549
CMYK	0.69, 0.94, 0.00, 0.05
HSL	256°, 89%, 50%
HSV	256°, 94%, 95%
XYZ	18.8583, 8.1208, 83.7926
YIQ	57.8180, -37.1070, 83.3170

# Conversions

## Conversions Part 2

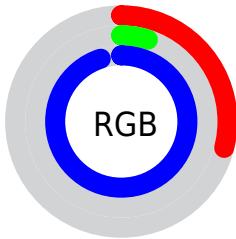
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	74, 14, 241
Decimal	4853489
CIE Lab	34.23, 75.10, -96.67
CIE LCh	34, 122.415, 307.844
Yxy	8.1208, 0.1702, 0.0733
Android (android.graphics.Color)	4283043569 (0xFF4A0EF1)
YUV	57.8180, 90.3087, 14.1916
Hunter-Lab	28.4970, 68.2549, -154.3884

# Details

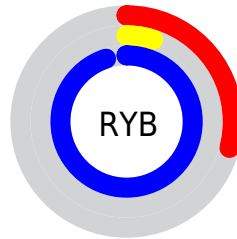
The Hex color **4A0EF1** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **B5F10E**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **924FFF**, and **0000B7** is the 20% darker color. If you saturate the color by 10%, you get **4000F1**, and if you desaturate by 10%, it is **5C26F1**.

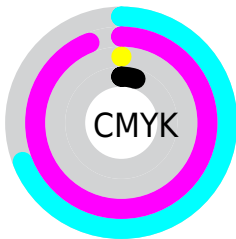
# Distribution



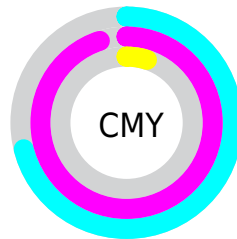
- Red (29%)
- Green (5%)
- Blue (95%)



- Red (29%)
- Yellow (5%)
- Blue (95%)



- Cyan (69%)
- Magenta (94%)
- Yellow (0%)
- Black (5%)



- Cyan (71%)
- Magenta (95%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A0EF1 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 4A0EF1 by changing the saturation by 10% instead.



 4A0EF1

 4A0EF1

FFFFFF

 0B00D4

 924FFF

 0000B7

 B36AFF

 00009B

 D386FF

 000080


 F3A2FF

 000B66

 FFBEFF

 00094C

 FFDBFF

 000535

 FFF8FF

 00021F

 000001

 4A0EF1

 4A0EF1

 4000F1

 5C26F1

 6D3EF1

 7F56F1

 916EF1

 A386F1

 B49FF1

 C6B7F1

 D8CFF1

 EAE7F1

# Harmonies

## Analogous

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



005DFF



4A0EF1



CC009D

# Triad

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



4A0EF1



9A2500



006D69

# Complementary

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



4A0EF1



B5F10E

# 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.



006A00



4A0EF1



4C5600

# Square

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



4A0EF1



D00000



006500



0070CA

# Rectangle

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



4A0EF1



E5005D



006500



006C47



# Sweetspot

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



4A0EF1



CAB8FF



0EB8F1



605480



000000



808080



# Same Dimension

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



4A0EF1



4300FF



B80EF1



6F6C78



3100B8



0F0038



# Inverse Universe

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



F10EB5



FF00BC



47F10E



786C75



B80087

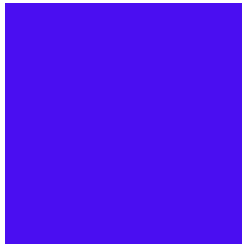


380029



# Previews

## White Background



This preview shows how the Hex color 4A0EF1 looks on a white background.

## Color Contrast Check

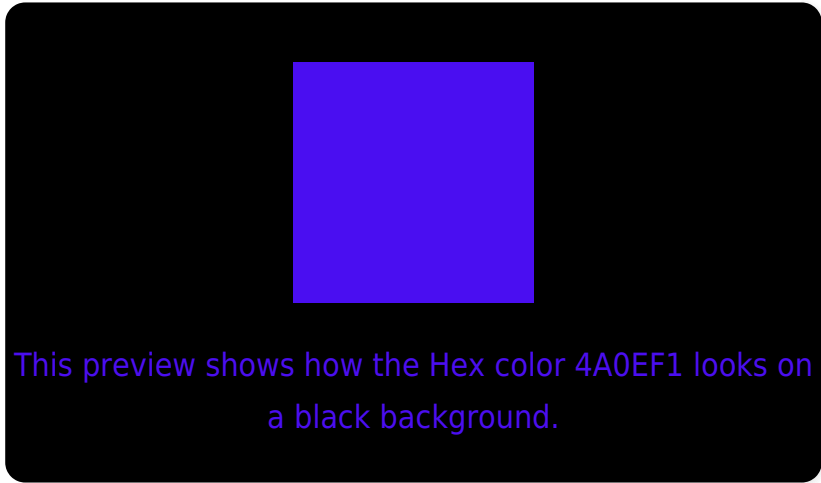
Large Text (above 18pt) WCAG AA ✓ Pass

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

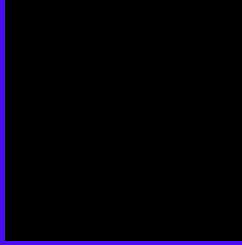
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4A0EF1 Background



This preview shows how black text looks on a background with the Hex color 4A0EF1.



This preview shows how white text looks on a background with the Hex color 4A0EF1.

# 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**  
4A0EF1

**Protanopia**  
004EA3

**Deuteranopia**  
00538B



**Tritanopia**  
005A5F

# Trichromacy



**Original Color**  
4A0EF1

**Protanomaly**  
1B37BF

**Deuteranomaly**  
1B3AB0

**Tritanomaly**  
1B3E94

# Monochromacy



**Original Color**  
4A0EF1

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
402A7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A0EF1 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 #4A0EF1 looks like.

```
.text, #text, p{  
    color:#4A0EF1  
}
```

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 #4A0EF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A0EF1
}
```

## Border

The CSS property to change the border of an element to Hex 4A0EF1 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".

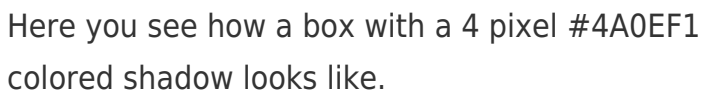
```
.border, #border, table{ border:4px solid
#4A0EF1 }
```

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

```
.border{ border-color:#4A0EF1 }
```

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

Here you see how a box with a 4 pixel #4A0EF1 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 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A0EF1; -webkit-box-shadow:4px 4px  
4px 4px #4A0EF1; box-shadow:4px 4px 4px  
4px #4A0EF1 }
```

# Background

The CSS property to change the background color of an element to Hex 4A0EF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A0EF1 }
```

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

```
.background{ background-color:#4A0EF1 }
```

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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