

Converting Colors

Hex(4A04FB)

Have a look what the booklet for
Hex(4A04FB) contains.

Hex(4A04FB)	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(4A04FB)

Conversions

Conversions Part 1

Format	Color
Hex	4A04FB
RGB	74, 4, 251
RGB Percent	29%, 2%, 98%
CMY	0.7098, 0.9843, 0.0157
CMYK	0.71, 0.98, 0.00, 0.02
HSL	257°, 97%, 50%
HSV	257°, 98%, 98%
XYZ	20.2800, 8.5077, 91.8401
YIQ	53.0880, -37.5670, 91.6570

Conversions

Conversions Part 2

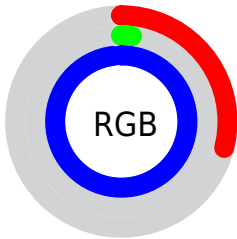
Format	Color
RYB	74, 4, 251
Decimal	4850939
CIELab	35.02, 78.87, -101.00
CIElCh	35, 128.149, 307.984
Yxy	8.5077, 0.1681, 0.0705
Android (android.graphics.Color)	4283041019 (0xFF4A04FB)
YUV	53.0880, 97.5706, 18.3398
Hunter-Lab	29.1680, 73.0643, -166.2665

Details

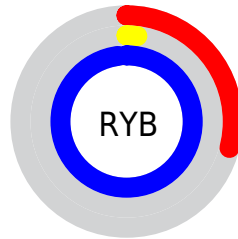
The Hex color **4A04FB** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **B5FB04**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **944CFF**, and **0000C1** is the 20% darker color. If you saturate the color by 10%, you get **4700FB**, and if you desaturate by 10%, it is **5C1DFB**.

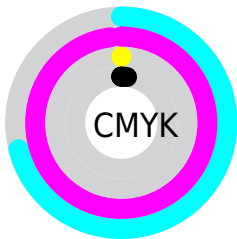
Distribution



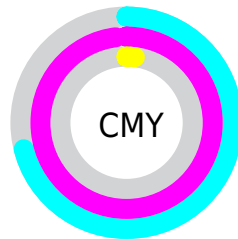
- Red (29%)
- Green (2%)
- Blue (98%)



- Red (29%)
- Yellow (2%)
- Blue (98%)



- Cyan (71%)
- Magenta (98%)
- Yellow (0%)
- Black (2%)



- Cyan (71%)
- Magenta (98%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A04FB 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 4A04FB by changing the saturation by 10% instead.

 4A04FB

 4A04FB

FFFFFF

 0100DD

 944CFF

 0000C1

 B569FF

 0000A4

 D684FF

 000089

 F6A1FF

 00096E

 FFBDFE

 000C55

 FFDAFF

 00063C

 FFF8FF

 000226

 00010F

■ 4A04FB

■ 4A04FB

■ 4700FB

■ 5C1DFB

■ 6E36FB

■ 804FFB

■ 9268FB

■ A482FB

■ B69BFB

■ C8B4FB

■ DACDFB

■ ECE6FB

Harmonies

Analogous

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



0060FF



4A04FB



D400A2

Triad

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



4A04FB



9E2400



00706D

Complementary

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



4A04FB



B5FB04

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.



006D00



4A04FB



4C5900

Square

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



4A04FB



D80000



006800



0074D3

Rectangle

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



4A04FB



EE005F



006800



006F49

Sweetspot

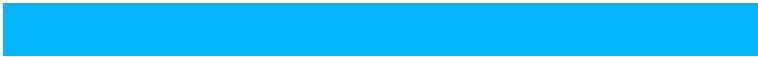
The Sweet Spot groups the original color and five complimentary colors.



4A04FB



C8B3FF



04B5FB



5F5280



000000



808080

Same Dimension

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



4A04FB



4800FF



C504FB



74707D



3500BD



11003D

Inverse Universe

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



FB04B5



FF00B7



3AFB04



7D7079



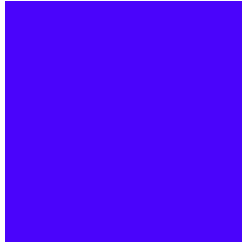
BD0087



3D002C

Previews

White Background



This preview shows how the Hex color 4A04FB looks on a white background.

Color Contrast Check

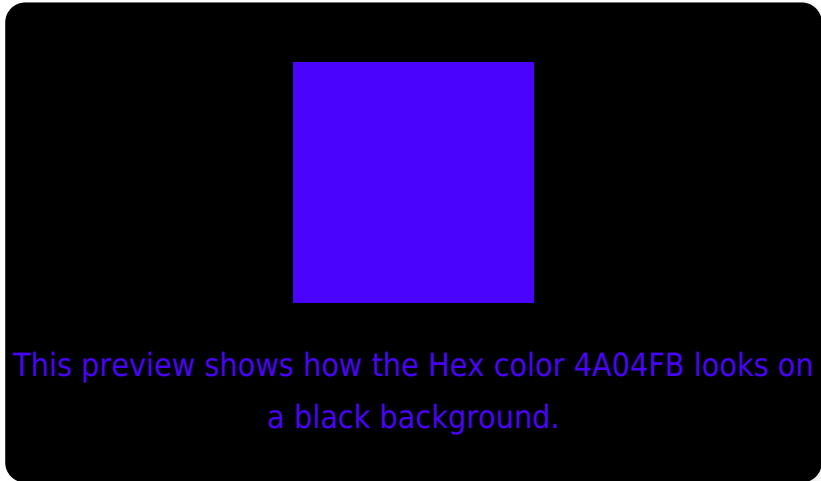
Large Text (above 18pt) WCAG AA ✓ Pass

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

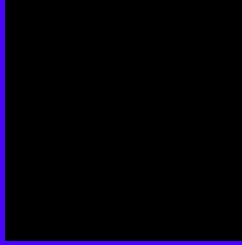
Any Text WCAG AA × Fail

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 4A04FB Background



This preview shows how black text looks on a background with the Hex color 4A04FB.

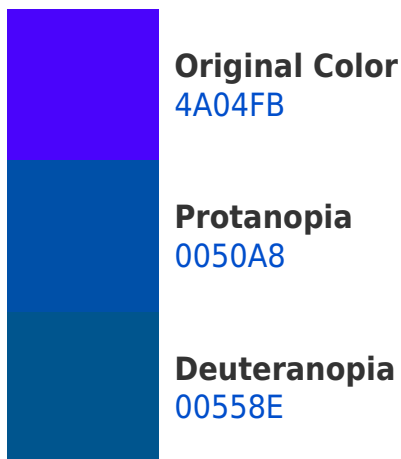



This preview shows how white text looks on a background with the Hex color 4A04FB.

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
005C61

Trichromacy



Original Color
4A04FB

Protanomaly
1B34C6

Deuteranomaly
1B38B6

Tritanomaly
1B3C99

Monochromacy



Original Color
4A04FB

Achromatopsia
353535

Achromatomaly
3D237D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A04FB 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 #4A04FB looks like.

```
.text, #text, p{  
    color:#4A04FB  
}
```

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 #4A04FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A04FB
}
```

Border

The CSS property to change the border of an element to Hex 4A04FB 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".

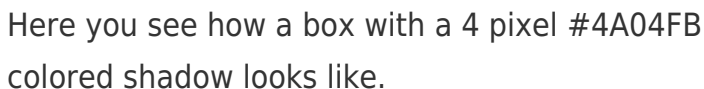
```
.border, #border, table{ border:4px solid
#4A04FB }
```

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

```
.border{ border-color:#4A04FB }
```

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

Here you see how a box with a 4 pixel #4A04FB 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 4-pixel offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A04FB; -webkit-box-shadow:4px 4px  
4px 4px #4A04FB; box-shadow:4px 4px 4px  
4px #4A04FB }
```

Background

The CSS property to change the background color of an element to Hex 4A04FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A04FB }
```

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

```
.background{ background-color:#4A04FB }
```

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