

Converting Colors

Hex(4A0DF2)

Have a look what the booklet for
Hex(4A0DF2) contains.

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Color

Hex(4A0DF2)

Conversions

Conversions Part 1

Format	Color
Hex	4A0DF2
RGB	74, 13, 242
RGB Percent	29%, 5%, 95%
CMY	0.7098, 0.9490, 0.0510
CMYK	0.69, 0.95, 0.00, 0.05
HSL	256°, 90%, 50%
HSV	256°, 95%, 95%
XYZ	18.9950, 8.1545, 84.5772
YIQ	57.3450, -37.1530, 84.1510

Conversions

Conversions Part 2

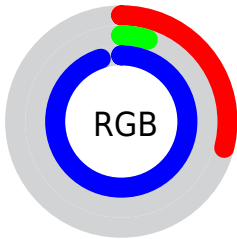
Format	Color
R _Y B	74, 13, 242
Decimal	4853234
CIE Lab	34.30, 75.51, -97.12
CIE LCh	34, 123.019, 307.863
Yxy	8.1545, 0.1700, 0.0730
Android (android.graphics.Color)	4283043314 (0xFF4A0DF2)
YUV	57.3450, 91.0349, 14.6064
Hunter-Lab	28.5561, 68.7617, -155.6155

Details

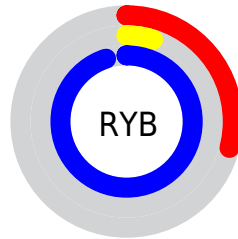
The Hex color **4A0DF2** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **B5F20D**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **924EFF**, and **0000B8** is the 20% darker color. If you saturate the color by 10%, you get **4000F2**, and if you desaturate by 10%, it is **5C25F2**.

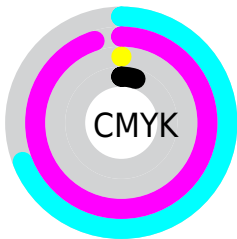
Distribution



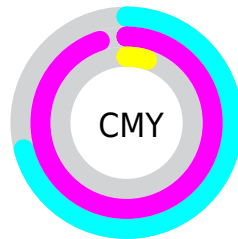
- Red (29%)
- Green (5%)
- Blue (95%)



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



- Cyan (69%)
- Magenta (95%)
- Yellow (0%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 4A0DF2 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 4A0DF2 by changing the saturation by 10% instead.

 4A0DF2

 4A0DF2

FFFFFF

 0A00D5

 924EFF

 0000B8

 B36AFF

 00009C

 D386FF

 000081

 F3A2FF

 000B66

 FFBEFF

 000A4D

 FFDBFF

 000536

 FFF8FF

 00021F

 000003

 4A0DF2


 4A0DF2

 4000F2

 5C25F2

 6E3DF2

 7F56F2

 916EF2

 A386F2

 B59EF2

 C6B6F2

 D8CFF2

 EAE7F2

Harmonies

Analogous

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



005DFF



4A0DF2



CC009D

Triad

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



4A0DF2



9A2500



006D6A

Complementary

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



4A0DF2



B5F20D

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



4A0DF2



4C5600

Square

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



4A0DF2



D10000



006600



0071CB

Rectangle

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



4A0DF2



E6005D



006600



006C47

Sweetspot

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



4A0DF2



CBB8FF



0DB9F2



605480



000000



808080

Same Dimension

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



4A0DF2



4400FF



B90DF2



6F6C78



3100B8



0F0038

Inverse Universe

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



F20DB5



FF00BB



46F20D



786C75



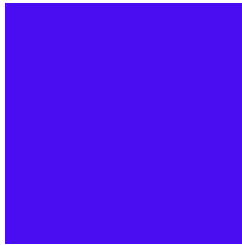
B80087



380029

Previews

White Background



This preview shows how the Hex color 4A0DF2 looks on a white background.

Color Contrast Check

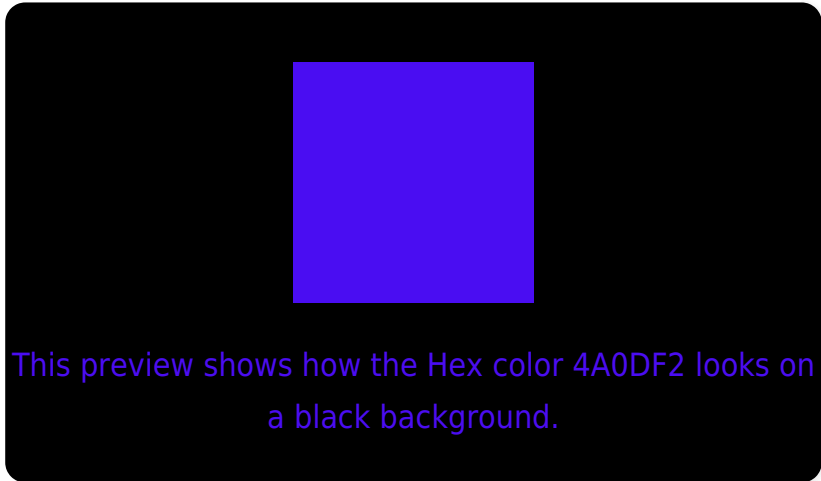
Large Text (above 18pt) WCAG AA ✓ Pass

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

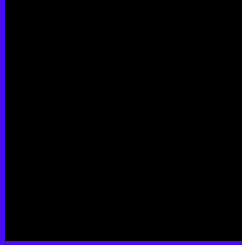
Any Text WCAG AA × Fail

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 4A0DF2 Background



This preview shows how black text looks on a background with the Hex color 4A0DF2.



This preview shows how white text looks on a background with the Hex color 4A0DF2.

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
4A0DF2

Protanopia
004EA4

Deuteranopia
00538B



Tritanopia
005A5F

Trichromacy



Original Color
4A0DF2

Protanomaly
1B36C0

Deuteranomaly
1B3AB0

Tritanomaly
1B3E94

Monochromacy



Original Color
4A0DF2

Achromatopsia
393939

Achromatomaly
3F297C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A0DF2 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 #4A0DF2 looks like.

```
.text, #text, p{  
    color:#4A0DF2  
}
```

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 #4A0DF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A0DF2
}
```

Border

The CSS property to change the border of an element to Hex 4A0DF2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

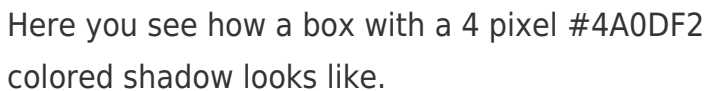
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A0DF2 }
```

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

```
.border{ border-color:#4A0DF2 }
```

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



Here you see how a box with a 4 pixel #4A0DF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A0DF2; -webkit-box-shadow:4px 4px  
4px 4px #4A0DF2; box-shadow:4px 4px 4px  
4px #4A0DF2 }
```

Background

The CSS property to change the background color of an element to Hex 4A0DF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A0DF2 }
```

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

```
.background{ background-color:#4A0DF2 }
```

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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