

Converting Colors

Hex(4A3DFD)

Have a look what the booklet for
Hex(4A3DFD) contains.

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Color

Hex(4A3DFD)

Conversions

Conversions Part 1

Format	Color
Hex	4A3DFD
RGB	74, 61, 253
RGB Percent	29%, 24%, 99%
CMY	0.7098, 0.7608, 0.0078
CMYK	0.71, 0.76, 0.00, 0.01
HSL	244°, 98%, 62%
HSV	244°, 76%, 99%
XYZ	22.2224, 11.8852, 94.0513
YIQ	86.7750, -53.8840, 62.4680

Conversions

Conversions Part 2

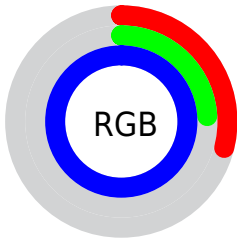
Format	Color
R _Y B	74, 61, 253
Decimal	4865533
CIE Lab	41.03, 62.19, -92.14
CIE LCh	41, 111.165, 304.019
Yxy	11.8852, 0.1734, 0.0927
Android (android.graphics.Color)	4283055613 (0xFF4A3DFD)
YUV	86.7750, 81.9489, -11.2037
Hunter-Lab	34.4749, 54.7295, -137.6173

Details

The Hex color **4A3DFD** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **F0FD3D**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **9270FF**, and **0007C3** is the 20% darker color. If you saturate the color by 10%, you get **3224FD**, and if you desaturate by 10%, it is **6256FD**.

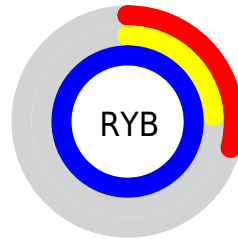
Distribution



Red (29%)

Green (24%)

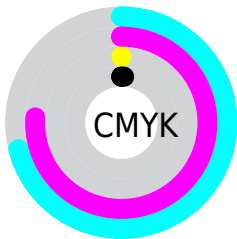
Blue (99%)



Red (29%)

Yellow (24%)

Blue (99%)

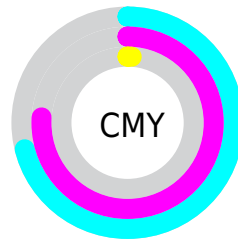


Cyan (71%)

Magenta (76%)

Yellow (0%)

Black (1%)



Cyan (71%)

Magenta (76%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A3DFD 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 4A3DFD by changing the saturation by 10% instead.

 4A3DFD

 4A3DFD

FFFFFF

 0A24E0

 9270FF

 0007C3

 B28BFF

 0000A7

 D2A6FF

 00008B

 F2C1FF

 000370

 FFDEFF

 000C57

 FFFBFF

 00063E

 000328

 000111

■ 4A3DFD

■ 4A3DFD

■ 3224FD

■ 6256FD

■ 1B0AFD

■ 7970FD

■ 1100FD

■ 9189FD

■ A8A2FD

■ C0BCFD

■ D8D5FD

■ EFEEFD

FFFFFD

Harmonies

Analogous

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



006EFF



4A3DFD



CE00B3

Triad

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



4A3DFD



B23400



007F6C

Complementary

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



4A3DFD



F0FD3D

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.



007C00



4A3DFD



6C6300

Square

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



4A3DFD



E30000



007500



0081C7

Rectangle

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



4A3DFD



EC0077



007500



007E4B

Sweetspot

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



4A3DFD



C8C4FF



3DF0FD



5E5C80



000000



808080

Same Dimension

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



4A3DFD



2717FF



AA3DFD



747380



0D00BF



040040

Inverse Universe

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



FD3DF0



FF17EF



90FD3D



80737F



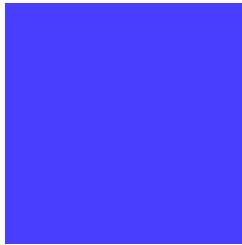
BF00B2



40003B

Previews

White Background



This preview shows how the Hex color 4A3DFD looks on a white background.

Color Contrast Check

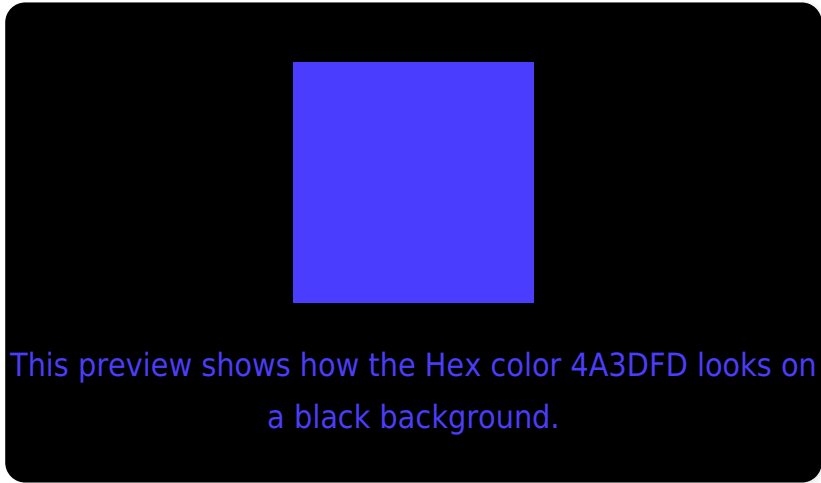
Large Text (above 18pt) WCAG AA ✓ Pass

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

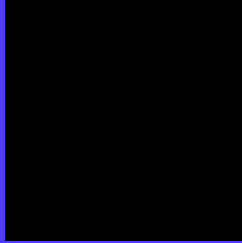
Any Text WCAG AA × Fail

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 4A3DFD Background



This preview shows how black text looks on a background with the Hex color 4A3DFD.

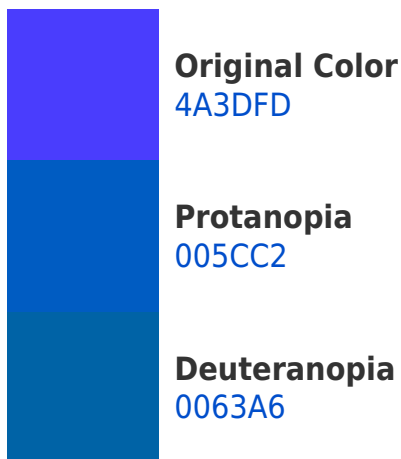


This preview shows how white text looks on a background with the Hex color 4A3DFD.

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
006A71

Trichromacy



Original Color
4A3DFD



Protanomaly
1B51D7



Deuteranomaly
1B55C6



Tritanomaly
1B5AA4

Monochromacy



Original Color
4A3DFD



Achromatopsia
575757



Achromatomaly
524E93

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A3DFD 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 #4A3DFD looks like.

```
.text, #text, p{  
    color:#4A3DFD  
}
```

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 #4A3DFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A3DFD
}
```

Border

The CSS property to change the border of an element to Hex 4A3DFD 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
#4A3DFD }
```

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

```
.border{ border-color:#4A3DFD }
```

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

Here you see how a box with a 4 pixel #4A3DFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A3DFD; -webkit-box-shadow:4px 4px  
4px 4px #4A3DFD; box-shadow:4px 4px 4px  
4px #4A3DFD }
```

Background

The CSS property to change the background color of an element to Hex 4A3DFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A3DFD }
```

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

```
.background{ background-color:#4A3DFD }
```

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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