

Converting Colors

Hex(4C30FC)

Have a look what the booklet for
Hex(4C30FC) contains.

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Color

Hex(4C30FC)

Conversions

Conversions Part 1

Format	Color
Hex	4C30FC
RGB	76, 48, 252
RGB Percent	30%, 19%, 99%
CMY	0.7020, 0.8118, 0.0118
CMYK	0.70, 0.81, 0.00, 0.01
HSL	248°, 97%, 59%
HSV	248°, 81%, 99%
XYZ	21.6081, 10.6787, 93.0178
YIQ	79.6280, -48.7960, 69.3800

Conversions

Conversions Part 2

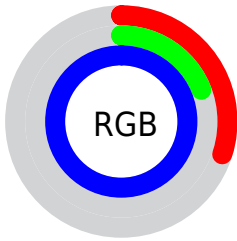
Format	Color
R_{YB}	76, 48, 252
Decimal	4993276
CIE _{Lab}	39.03, 67.95, -94.89
CIE _{LCh}	39, 116.705, 305.606
Yxy	10.6787, 0.1724, 0.0852
Android (android.graphics.Color)	4283183356 (0xFF4C30FC)
YUV	79.6280, 84.9794, -3.1818
Hunter-Lab	32.6782, 60.8442, -145.8927

Details

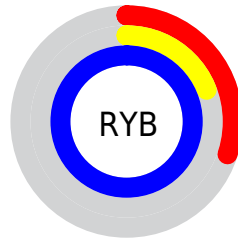
The Hex color **4C30FC** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **E0FC30**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **9465FF**, and **0000C2** is the 20% darker color. If you saturate the color by 10%, you get **3617FC**, and if you desaturate by 10%, it is **6249FC**.

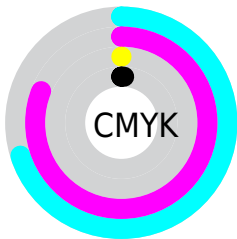
Distribution



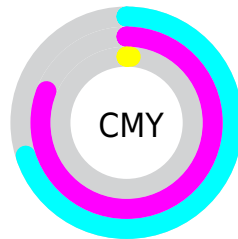
- Red (30%)
- Green (19%)
- Blue (99%)



- Red (30%)
- Yellow (19%)
- Blue (99%)



- Cyan (70%)
- Magenta (81%)
- Yellow (0%)
- Black (1%)



- Cyan (70%)
- Magenta (81%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C30FC 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 4C30FC by changing the saturation by 10% instead.

 4C30FC

 4C30FC

FFFFFF

 1012DF

 9465FF

 0000C2

 B580FF

 0000A5

 D59BFF

 00008A

 F5B7FF

 00056F

 FFD3FF

 000C56

 FFF0FF

 00063E

 000327

 000110

■ 4C30FC

■ 4C30FC

■ 3617FC

■ 6249FC

■ 2300FC

■ 7762FC

■ 8D7CFC

■ A395FC

■ B9AEFC

■ CEC7FC

■ E4E0FC

■ FAFAFC

FFFFFC

Harmonies

Analogous

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



0069FF



4C30FC



D100AD

Triad

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



4C30FC



AB3000



007A6D

Complementary

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



4C30FC



E0FC30

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.



007700



4C30FC



615F00

Square

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



4C30FC



DF0000



007100



007DCC

Rectangle

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



4C30FC



ED006F



007100



00794B

Sweetspot

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



4C30FC



CAC2FF



30E1FC



605B80



000000



808080

Same Dimension

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



4C30FC



2A08FF



B130FC



72707D



1A00BD



08003D

Inverse Universe

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



FC30E0



FF08DD



7BFC30



7D707B



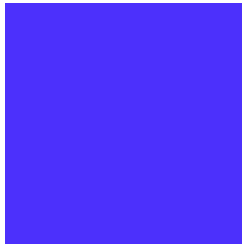
BD00A3



3D0035

Previews

White Background



This preview shows how the Hex color 4C30FC looks on a white background.

Color Contrast Check

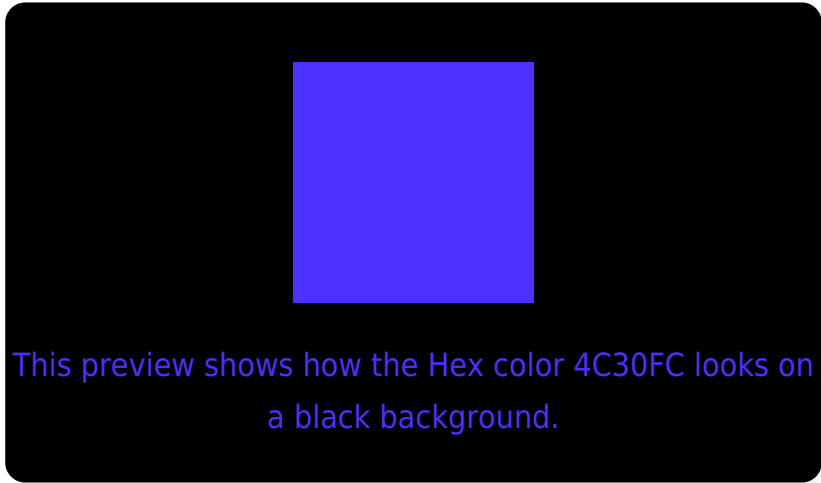
Large Text (above 18pt) WCAG AA ✓ Pass

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

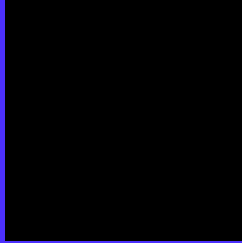
Any Text WCAG AA × Fail

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 4C30FC Background



This preview shows how black text looks on a background with the Hex color 4C30FC.



This preview shows how white text looks on a background with the Hex color 4C30FC.

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](#).

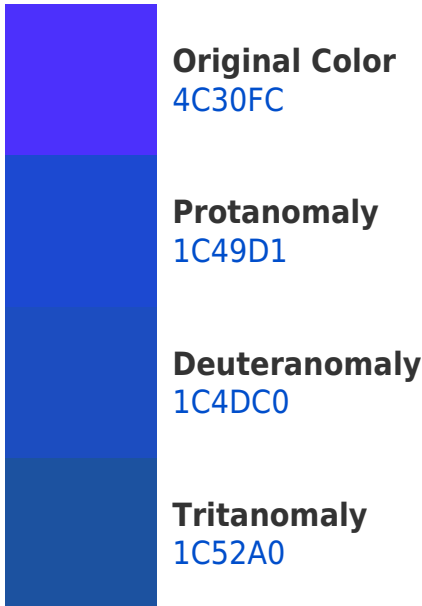
Dichromacy



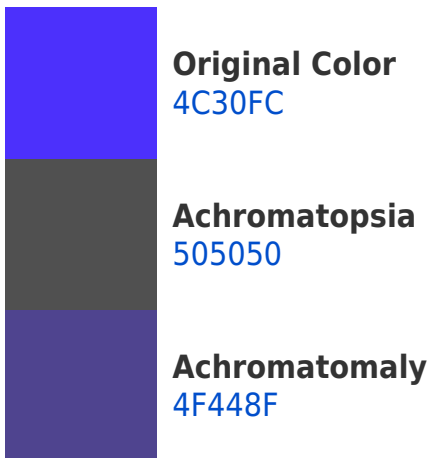


Tritanopia
00656B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C30FC 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 #4C30FC looks like.

```
.text, #text, p{  
    color:#4C30FC  
}
```

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 #4C30FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C30FC
}
```

Border

The CSS property to change the border of an element to Hex 4C30FC 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".

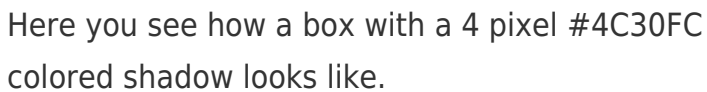
```
.border, #border, table{ border:4px solid
#4C30FC }
```

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

```
.border{ border-color:#4C30FC }
```

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

Here you see how a box with a 4 pixel #4C30FC colored shadow looks like.

A rectangular box with a 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 #4C30FC; -webkit-box-shadow:4px 4px  
4px 4px #4C30FC; box-shadow:4px 4px 4px  
4px #4C30FC }
```

Background

The CSS property to change the background color of an element to Hex 4C30FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C30FC }
```

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

```
.background{ background-color:#4C30FC }
```

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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