

Converting Colors

Hex(4428FC)

Have a look what the booklet for
Hex(4428FC) contains.

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Color

Hex(4428FC)

Conversions

Conversions Part 1

Format	Color
Hex	4428FC
RGB	68, 40, 252
RGB Percent	27%, 16%, 99%
CMY	0.7333, 0.8431, 0.0118
CMYK	0.73, 0.84, 0.00, 0.01
HSL	248°, 97%, 57%
HSV	248°, 84%, 99%
XYZ	20.7134, 9.7748, 92.8905
YIQ	72.5400, -51.3640, 71.8680

Conversions

Conversions Part 2

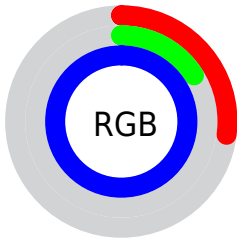
Format	Color
R _{YB}	68, 40, 252
Decimal	4466940
CIE Lab	37.44, 70.57, -97.56
CIE LCh	37, 120.402, 305.880
Yxy	9.7748, 0.1679, 0.0792
Android (android.graphics.Color)	4282657020 (0xFF4428FC)
YUV	72.5400, 88.4738, -3.9816
Hunter-Lab	31.2647, 63.5461, -154.2712

Details

The Hex color **4428FC** 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 **E0FC28**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **8F5EFF**, and **0000C2** is the 20% darker color. If you saturate the color by 10%, you get **2E0FFC**, and if you desaturate by 10%, it is **5A41FC**.

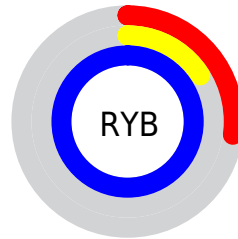
Distribution



Red (27%)

Green (16%)

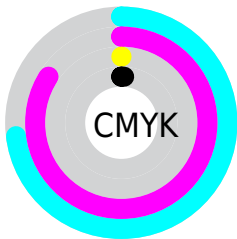
Blue (99%)



Red (27%)

Yellow (16%)

Blue (99%)

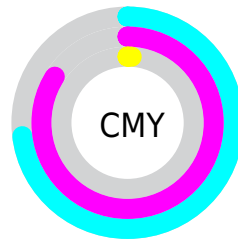


Cyan (73%)

Magenta (84%)

Yellow (0%)

Black (1%)



Cyan (73%)

Magenta (84%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4428FC 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 4428FC by changing the saturation by 10% instead.

 4428FC

 4428FC

FFFFFF

 0004DF

 8F5EFF

 0000C2

 B079FF

 0000A5

 D194FF

 00008A

 F1B0FF

 00086F


 FFCCFF

 000C56

 FFE9FF

 00063D

 000327

 000110

■ 4428FC

■ 4428FC

■ 2E0FFC

■ 5A41FC

■ 2100FC

■ 705AFC

■ 8674FC

■ 9B8DFC

■ B1A6FC

■ C7BFFC

■ DDD8FC

■ F3F2FC

FFFFFC

Harmonies

Analogous

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



0066FF



4428FC



D000AA

Triad

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



4428FC



A72900



00766A

Complementary

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



4428FC



E0FC28

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.



007300



4428FC



5B5C00

Square

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



4428FC



DC0000



006D00



0079CC

Rectangle

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



4428FC



EC006A



006D00



007548

Sweetspot

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



4428FC



C8BFFF



28E3FC



5E5980



000000



808080

Same Dimension

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



4428FC



2200FF



AB28FC



72707D



1900BD



08003D

Inverse Universe

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



FC28E0



FF00DD



79FC28



7D707B



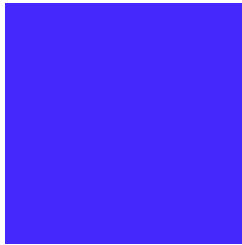
BD00A4



3D0035

Previews

White Background



This preview shows how the Hex color 4428FC looks on a white background.

Color Contrast Check

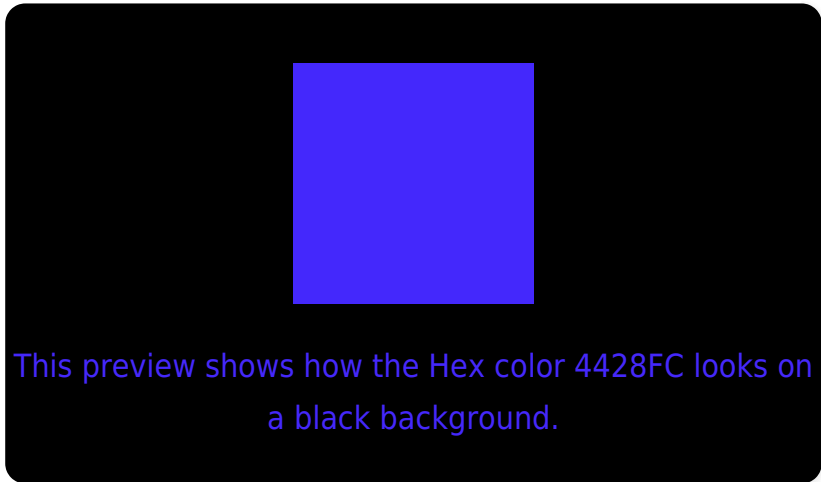
Large Text (above 18pt) WCAG AA ✓ Pass

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

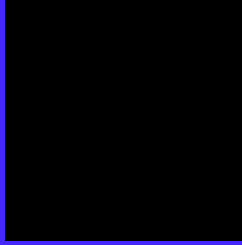
Any Text WCAG AA × Fail

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 4428FC Background



This preview shows how black text looks on a background with the Hex color 4428FC.

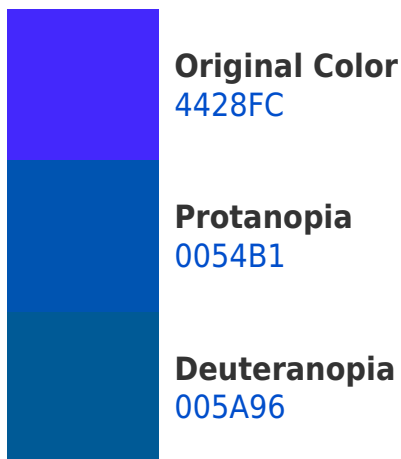


This preview shows how white text looks on a background with the Hex color 4428FC.

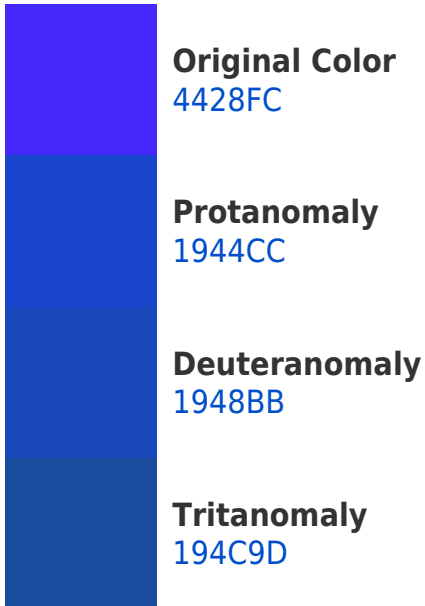
Color Blindness Simulation

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](#).

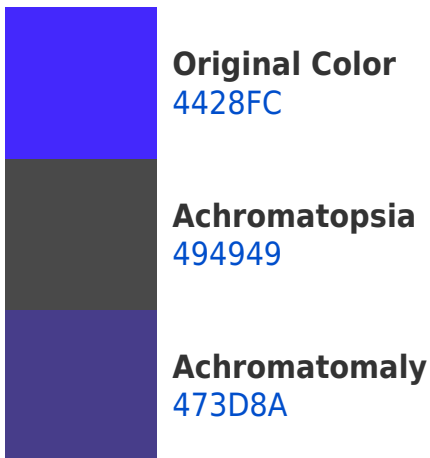
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4428FC 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 #4428FC looks like.

```
.text, #text, p{  
    color:#4428FC  
}
```

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 #4428FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4428FC
}
```

Border

The CSS property to change the border of an element to Hex 4428FC 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
#4428FC }
```

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

```
.border{ border-color:#4428FC }
```

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

Here you see how a box with a 4 pixel #4428FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4428FC; -webkit-box-shadow:4px 4px  
4px 4px #4428FC; box-shadow:4px 4px 4px  
4px #4428FC }
```

Background

The CSS property to change the background color of an element to Hex 4428FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4428FC }
```

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

```
.background{ background-color:#4428FC }
```

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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