

Converting Colors

Hex(4407F0)

Have a look what the booklet for
Hex(4407F0) contains.

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Color

Hex(4407F0)

Conversions

Conversions Part 1

Format	Color
Hex	4407F0
RGB	68, 7, 240
RGB Percent	27%, 3%, 94%
CMY	0.7333, 0.9725, 0.0588
CMYK	0.72, 0.97, 0.00, 0.06
HSL	256°, 94%, 48%
HSV	256°, 97%, 94%
XYZ	18.1881, 7.6722, 82.9603
YIQ	51.8010, -38.4370, 85.3950

Conversions

Conversions Part 2

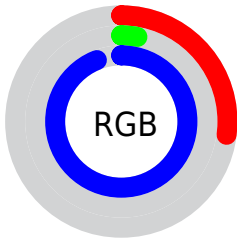
Format	Color
RYB	68, 7, 240
Decimal	4458480
CIELab	33.29, 75.67, -97.69
CIELCh	33, 123.565, 307.762
Yxy	7.6722, 0.1671, 0.0705
Android (android.graphics.Color)	4282648560 (0xFF4407F0)
YUV	51.8010, 92.7821, 14.2065
Hunter-Lab	27.6987, 68.7375, -158.1904

Details

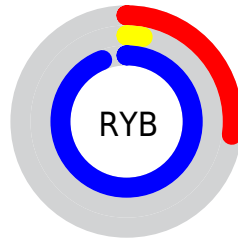
The Hex color **4407F0** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **B3F007**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **8E4BFF**, and **0000B6** is the 20% darker color. If you saturate the color by 10%, you get **3F00F0**, and if you desaturate by 10%, it is **561FF0**.

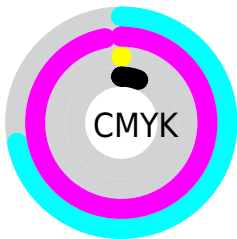
Distribution



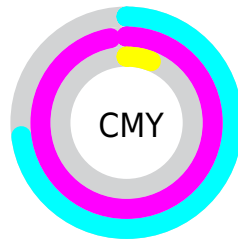
- Red (27%)
- Green (3%)
- Blue (94%)



- Red (27%)
- Yellow (3%)
- Blue (94%)



- Cyan (72%)
- Magenta (97%)
- Yellow (0%)
- Black (6%)



- Cyan (73%)
- Magenta (97%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4407F0 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 4407F0 by changing the saturation by 10% instead.

 4407F0

 4407F0

FFFFFF

 0000D3

 8E4BFF

 0000B6

 AF67FF

 00009A

 CF83FF

 00007F

 EF9FFF

 000E65

 FFBBFF

 00094C

 FFD8FF

 000434

 FFF5FF

 00021E

 000000

 4407F0

 4407F0

 3F00F0

 561FF0

 6737F0

 794FF0

 8B67F0

 9D7FF0

 AE97F0

 C0AFF0

 D2C7F0

 E3DFF0

Harmonies

Analogous

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



005BFF



4407F0



C9009B

Triad

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



4407F0



972100



006A67

Complementary

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



4407F0



B3F007

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.



006800



4407F0



495400

Square

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



4407F0



CE0000



006300



006EC9

Rectangle

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



4407F0



E3005B



006300



006945

Sweetspot

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



4407F0



C8B5FF



07B6F0



5F5380



000000



808080

Same Dimension

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



4407F0



4300FF



B607F0



6F6C78



3000B8



0F0038

Inverse Universe

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



F007B3



FF00BC



41F007



786C75



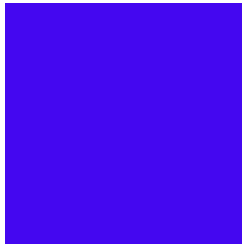
B80088



380029

Previews

White Background



This preview shows how the Hex color 4407F0 looks on a white background.

Color Contrast Check

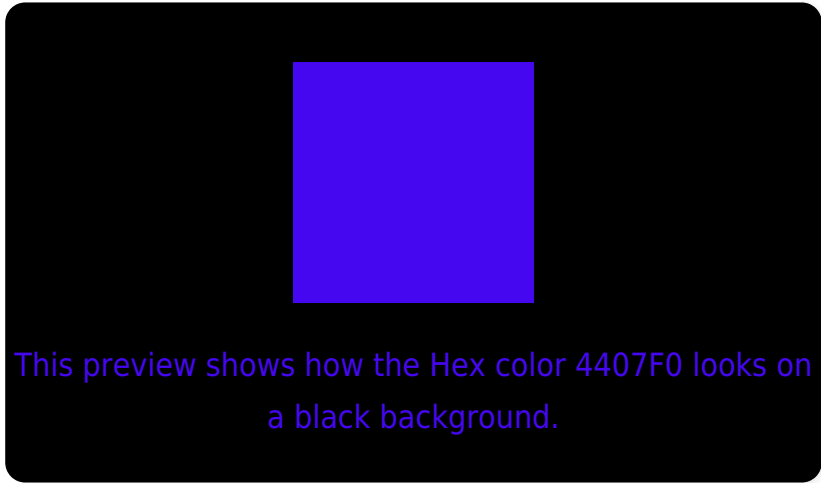
Large Text (above 18pt) WCAG AA ✓ Pass

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

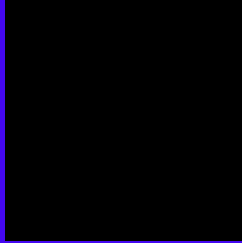
Any Text WCAG AA × Fail

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 4407F0 Background



This preview shows how black text looks on a background with the Hex color 4407F0.



This preview shows how white text looks on a background with the Hex color 4407F0.

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
4407F0

Protanopia
004CA0

Deuteranopia
005187

Trichromacy



Original Color
4407F0

Protanomaly
1933BD

Deuteranomaly
1936AD

Tritanomaly
193A92

Monochromacy



Original Color
4407F0

Achromatopsia
343434

Achromatomaly
3A2478

CSS Examples

Text

The CSS property to change the color of the text to Hex 4407F0 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 #4407F0 looks like.

```
.text, #text, p{  
    color:#4407F0  
}
```

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 #4407F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4407F0
}
```

Border

The CSS property to change the border of an element to Hex 4407F0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

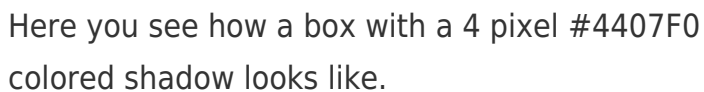
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4407F0 }
```

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

```
.border{ border-color:#4407F0 }
```

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



Here you see how a box with a 4 pixel #4407F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4407F0; -webkit-box-shadow:4px 4px  
4px 4px #4407F0; box-shadow:4px 4px 4px  
4px #4407F0 }
```

Background

The CSS property to change the background color of an element to Hex 4407F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4407F0 }
```

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

```
.background{ background-color:#4407F0 }
```

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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