

Converting Colors

Hex(415FED)

Have a look what the booklet for
Hex(415FED) contains.

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Color

Hex(415FED)

Conversions

Conversions Part 1

Format	Color
Hex	415FED
RGB	65, 95, 237
RGB Percent	25%, 37%, 93%
CMY	0.7451, 0.6275, 0.0706
CMYK	0.73, 0.60, 0.00, 0.07
HSL	230°, 83%, 59%
HSV	230°, 73%, 93%
XYZ	21.5582, 15.4227, 81.9614
YIQ	102.2180, -63.4620, 37.8020

Conversions

Conversions Part 2

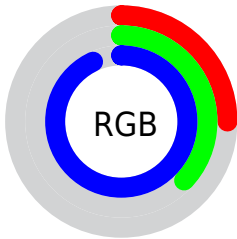
Format	Color
R _Y B	65, 91, 237
Decimal	4284397
CIE Lab	46.21, 36.79, -74.68
CIE LCh	46, 83.249, 296.227
Yxy	15.4227, 0.1812, 0.1297
Android (android.graphics.Color)	4282474477 (0xFF415FED)
YUV	102.2180, 66.4475, -32.6402
Hunter-Lab	39.2717, 29.2623, -96.2501

Details

The Hex color **415FED** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **EDCF41**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **8691FF**, and **0032B4** is the 20% darker color. If you saturate the color by 10%, you get **294BED**, and if you desaturate by 10%, it is **5973ED**.

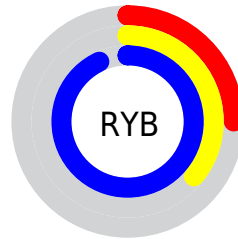
Distribution



Red (25%)

Green (37%)

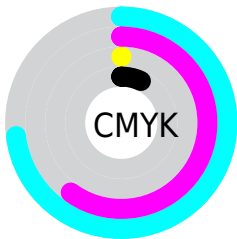
Blue (93%)



Red (25%)

Yellow (36%)

Blue (93%)

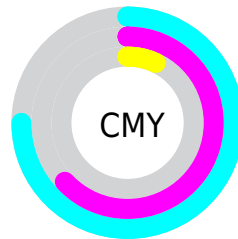


Cyan (73%)

Magenta (60%)

Yellow (0%)

Black (7%)



Cyan (75%)

Magenta (63%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 415FED 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 415FED by changing the saturation by 10% instead.

■ 415FED

■ 415FED

FFFFFF

■ 0048D0

■ 8691FF

■ 0032B4

■ A6ACFF

■ 001E98

■ C5C7FF

■ 000D7E

■ E4E3FF

■ 000064

■ 00094B

■ 000433

■ 00021D

■ 000000

■ 415FED

■ 415FED

■ 294BED

■ 5973ED

■ 1238ED

■ 7086ED

■ 0029ED

■ 889AED

■ A0ADED

■ B7C1ED

■ CFD4ED

■ E7E8ED

■ FFFCED

■ FFFFED

Harmonies

Analogous

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



007AFB



415FED



B52EBC

Triad

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



415FED



C04600



008962

Complementary

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



415FED



EDCF41

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.



00840E



415FED



8D6800

Square

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



415FED



DE0035



497B00



008AAA

Rectangle

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



415FED



D60091



497B00



008849

Sweetspot

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



415FED



C7D1FF



41EDCD



5E6480



000000



808080

Same Dimension

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



415FED



2148FF



7741ED



6A6C75



0020B5



000936

Inverse Universe

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



ED415F



FF2148



B7ED41



756A6C



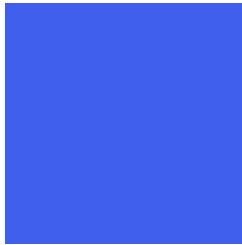
B50020



360009

Previews

White Background



This preview shows how the Hex color 415FED looks on a white background.

Color Contrast Check

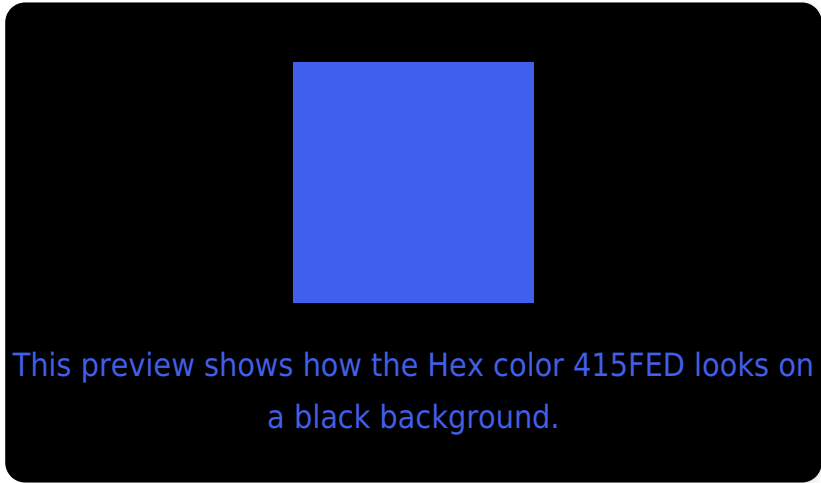
Large Text (above 18pt) WCAG AA ✓ Pass

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

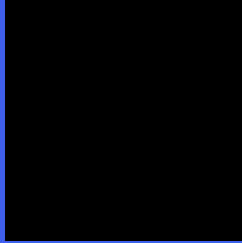
Any Text WCAG AA × Fail

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 415FED Background



This preview shows how black text looks on a background with the Hex color 415FED.



This preview shows how white text looks on a background with the Hex color 415FED.

Color Blindness Simulation

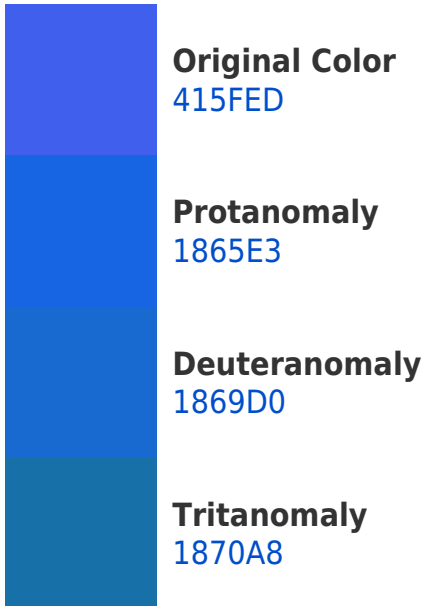
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 415FED 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 #415FED looks like.

```
.text, #text, p{  
    color:#415FED  
}
```

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 #415FED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #415FED
}
```

Border

The CSS property to change the border of an element to Hex 415FED 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
#415FED }
```

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

```
.border{ border-color:#415FED }
```

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

Here you see how a box with a 4 pixel #415FED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #415FED; -webkit-box-shadow:4px 4px  
4px 4px #415FED; box-shadow:4px 4px 4px  
4px #415FED }
```

Background

The CSS property to change the background color of an element to Hex 415FED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#415FED }
```

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

```
.background{ background-color:#415FED }
```

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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