

Converting Colors

Hex(413BF3)

Have a look what the booklet for
Hex(413BF3) contains.

Hex(413BF3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(413BF3)

Conversions

Conversions Part 1

Format	Color
Hex	413BF3
RGB	65, 59, 243
RGB Percent	25%, 23%, 95%
CMY	0.7451, 0.7686, 0.0471
CMYK	0.73, 0.76, 0.00, 0.05
HSL	242°, 88%, 59%
HSV	242°, 76%, 95%
XYZ	19.9216, 10.7228, 85.8137
YIQ	81.7700, -55.4880, 58.4960

Conversions

Conversions Part 2

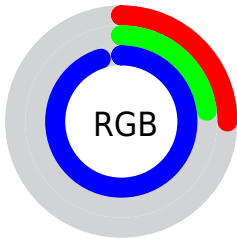
Format	Color
R _{YB}	65, 59, 243
Decimal	4275187
CIE Lab	39.11, 59.46, -89.72
CIE LCh	39, 107.640, 303.534
Yxy	10.7228, 0.1711, 0.0921
Android (android.graphics.Color)	4282465267 (0xFF413BF3)
YUV	81.7700, 79.4864, -14.7073
Hunter-Lab	32.7457, 51.2896, -132.4540

Details

The Hex color **413BF3** 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 **EDF33B**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **8A6DFF**, and **0007B9** is the 20% darker color. If you saturate the color by 10%, you get **2923F3**, and if you desaturate by 10%, it is **5953F3**.

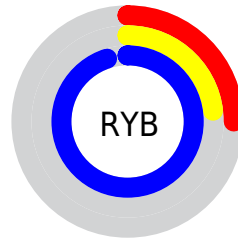
Distribution



Red (25%)

Green (23%)

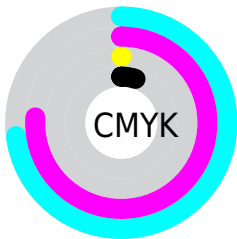
Blue (95%)



Red (25%)

Yellow (23%)

Blue (95%)

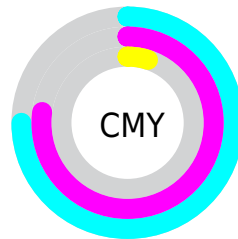


Cyan (73%)

Magenta (76%)

Yellow (0%)

Black (5%)



Cyan (75%)

Magenta (77%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 413BF3 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 413BF3 by changing the saturation by 10% instead.

 413BF3

 413BF3

FFFFFF

 0022D6

 8A6DFF

 0007B9

 AB88FF

 00009D

 CAA3FF

 000082

 EABEFF

 000868

 FFDAFF

 000A4F

 FFF7FF

 000537

 000220

 000005

■ 413BF3

■ 413BF3

■ 2923F3

■ 5953F3

■ 120AF3

■ 706CF3

■ 0800F3

■ 8884F3

■ 9F9CF3

■ B7B5F3

■ CECDF3

■ E6E5F3

■ FDFDF3

■ FFFFF3

Harmonies

Analogous

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



0069FF



413BF3



C400AC

Triad

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



413BF3



AB3000



007965

Complementary

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



413BF3



EDF33B

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.



007600



413BF3



685D00

Square

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



413BF3



D90000



006F00



007BBD

Rectangle

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



413BF3



E20073



006F00



007846

Sweetspot

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



413BF3



C6C4FF



3BF0F3



5D5C80



000000



808080

Same Dimension

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



413BF3



1F17FF



9A3BF3



6F6E7A



0600BA



02003B

Inverse Universe

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



F33BED



FF17F7



94F33B



7A6E7A



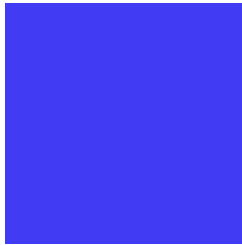
BA00B4



3B0039

Previews

White Background



This preview shows how the Hex color 413BF3 looks on a white background.

Color Contrast Check

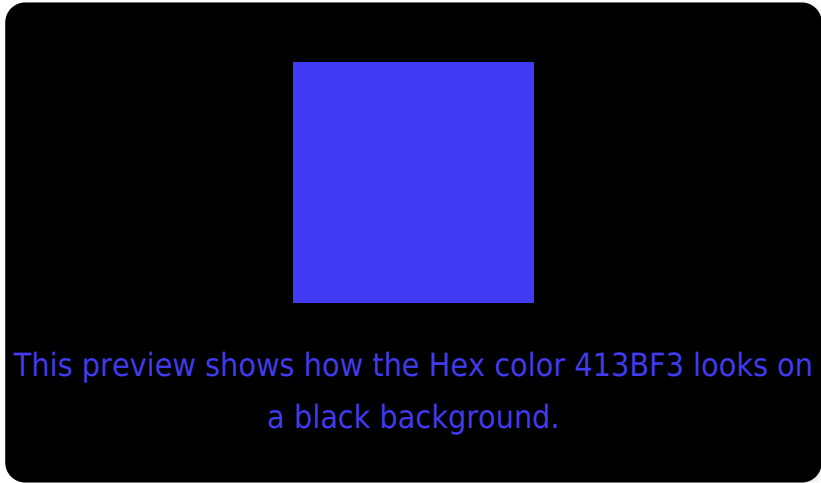
Large Text (above 18pt) WCAG AA ✓ Pass

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

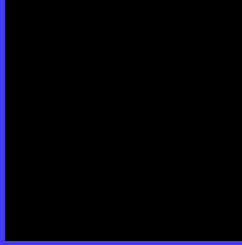
Any Text WCAG AA × Fail

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 413BF3 Background



This preview shows how black text looks on a background with the Hex color 413BF3.



This preview shows how white text looks on a background with the Hex color 413BF3.

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](#).

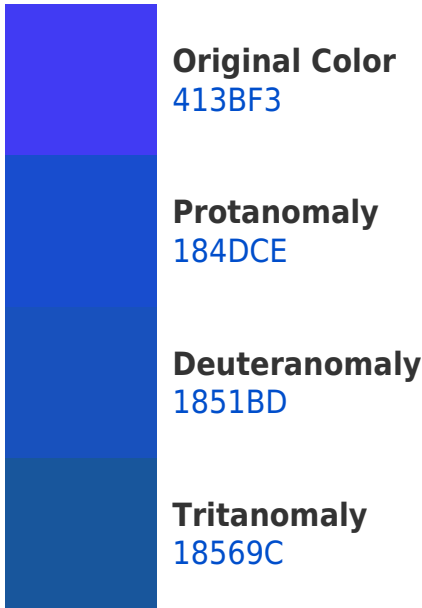
Dichromacy



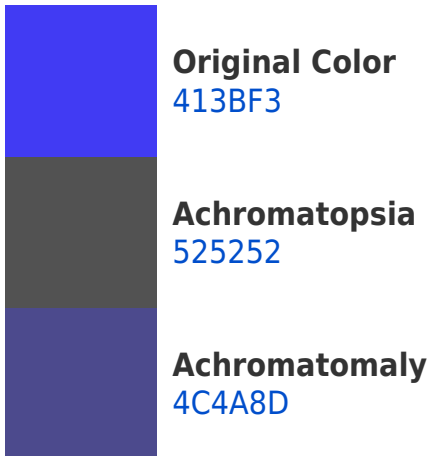


Tritanopia
00656B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 413BF3 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 #413BF3 looks like.

```
.text, #text, p{  
    color:#413BF3  
}
```

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 #413BF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #413BF3  
}
```

Border

The CSS property to change the border of an element to Hex 413BF3 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  
#413BF3 }
```

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

```
.border{ border-color:#413BF3 }
```

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

Here you see how a box with a 4 pixel #413BF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #413BF3; -webkit-box-shadow:4px 4px  
4px 4px #413BF3; box-shadow:4px 4px 4px  
4px #413BF3 }
```

Background

The CSS property to change the background color of an element to Hex 413BF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#413BF3 }
```

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

```
.background{ background-color:#413BF3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor