

Converting Colors

Hex(413EE7)

Have a look what the booklet for
Hex(413EE7) contains.

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Color

Hex(413EE7)

Conversions

Conversions Part 1

Format	Color
Hex	413EE7
RGB	65, 62, 231
RGB Percent	25%, 24%, 91%
CMY	0.7451, 0.7569, 0.0941
CMYK	0.72, 0.73, 0.00, 0.09
HSL	241°, 78%, 57%
HSV	241°, 73%, 91%
XYZ	18.3264, 10.3386, 76.6309
YIQ	82.1630, -52.4610, 53.1950

Conversions

Conversions Part 2

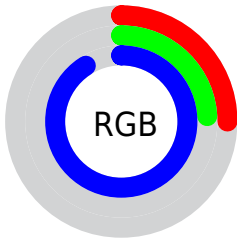
Format	Color
R _Y B	65, 62, 231
Decimal	4275943
CIE Lab	38.44, 54.19, -84.03
CIE LCh	38, 99.989, 302.815
Yxy	10.3386, 0.1740, 0.0982
Android (android.graphics.Color)	4282466023 (0xFF413EE7)
YUV	82.1630, 73.3766, -15.0520
Hunter-Lab	32.1537, 45.4694, -118.7966

Details

The Hex color **413EE7** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **E4E73E**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **8770FF**, and **000EAE** is the 20% darker color. If you saturate the color by 10%, you get **2A27E7**, and if you desaturate by 10%, it is **5855E7**.

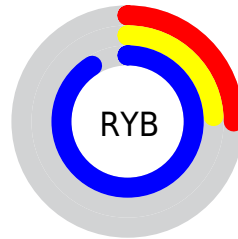
Distribution



Red (25%)

Green (24%)

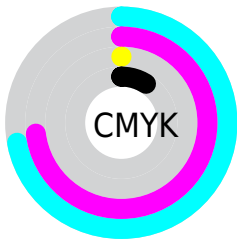
Blue (91%)



Red (25%)

Yellow (24%)

Blue (91%)

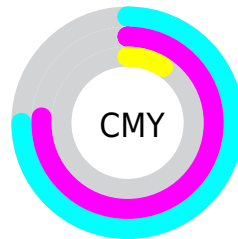


Cyan (72%)

Magenta (73%)

Yellow (0%)

Black (9%)



Cyan (75%)

Magenta (76%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 413EE7 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 413EE7 by changing the saturation by 10% instead.

 413EE7

 413EE7

FFFFFF

 0026CA

 8770FF

 000EAE

 A78AFF

 000092

 C6A5FF

 000078

 E6C0FF

 000B5E

 FFDCFF

 000845

 FFF9FF

 00032E

 000118

 000000

■ 413EE7

■ 413EE7

■ 2A27E7

■ 5855E7

■ 1410E7

■ 6E6CE7

■ 0400E7

■ 8583E7

■ 9C9AE7

■ B2B2E7

■ C9C9E7

■ E0E0E7

■ F7F7E7

■ FFFFE7

Harmonies

Analogous

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



0066FF



413EE7



BA00A7

Triad

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



413EE7



A73200



007661

Complementary

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



413EE7



E4E73E

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



413EE7



695B00

Square

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



413EE7



D10005



006C00



0078B2

Rectangle

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



413EE7



D70072



006C00



007544

Sweetspot

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



413EE7



C8C7FF



3EE4E7



5F5E80



000000



808080

Same Dimension

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



413EE7



231FFF



953EE7



676773



0300B3



010033

Inverse Universe

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



E73EE4



FF1FFB



90E73E



736773



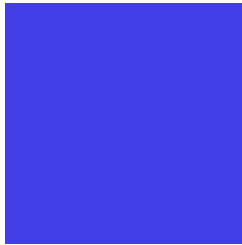
B300AF



330032

Previews

White Background



This preview shows how the Hex color 413EE7 looks on a white background.

Color Contrast Check

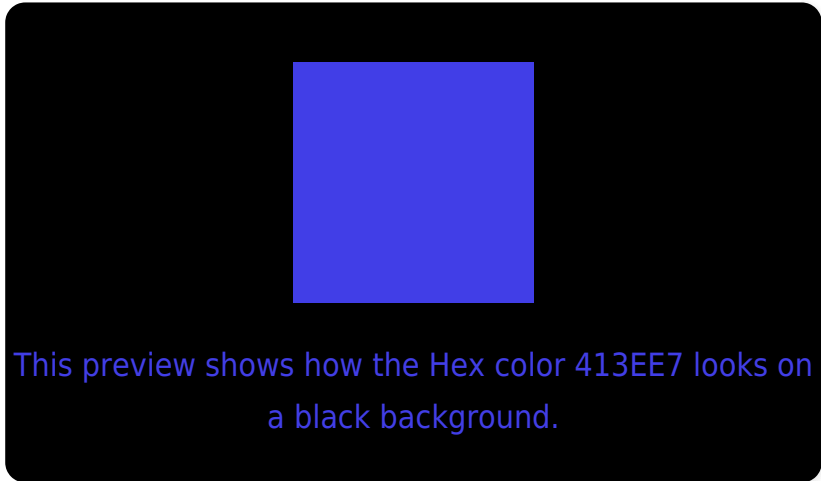
Large Text (above 18pt) WCAG AA ✓ Pass

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

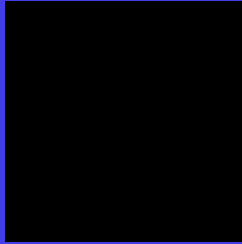
Any Text WCAG AA × Fail

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 413EE7 Background



This preview shows how black text looks on a background with the Hex color 413EE7.



This preview shows how white text looks on a background with the Hex color 413EE7.

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](#).

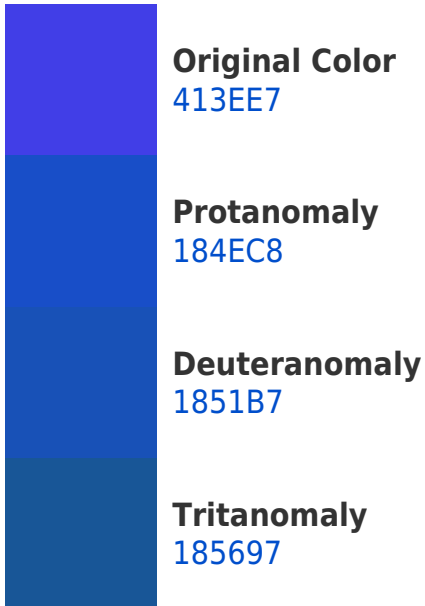
Dichromacy



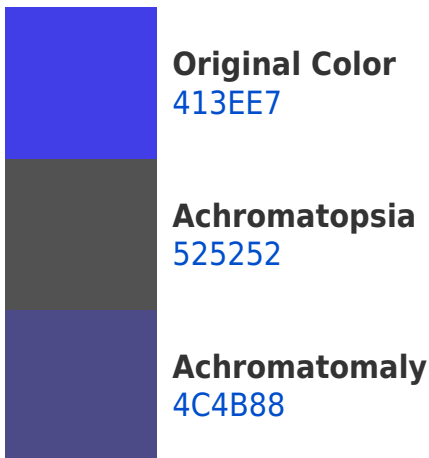


Tritanopia
00646A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 413EE7 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 #413EE7 looks like.

```
.text, #text, p{  
    color:#413EE7  
}
```

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 #413EE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #413EE7
}
```

Border

The CSS property to change the border of an element to Hex 413EE7 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
#413EE7 }
```

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

```
.border{ border-color:#413EE7 }
```

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

Here you see how a box with a 4 pixel #413EE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #413EE7; -webkit-box-shadow:4px 4px  
4px 4px #413EE7; box-shadow:4px 4px 4px  
4px #413EE7 }
```

Background

The CSS property to change the background color of an element to Hex 413EE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#413EE7 }
```

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

```
.background{ background-color:#413EE7 }
```

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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