

Converting Colors

Hex(437FE5)

Have a look what the booklet for
Hex(437FE5) contains.

Hex(437FE5)	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(437FE5)

Conversions

Conversions Part 1

Format	Color
Hex	437FE5
RGB	67, 127, 229
RGB Percent	26%, 50%, 90%
CMY	0.7373, 0.5020, 0.1020
CMYK	0.71, 0.45, 0.00, 0.10
HSL	218°, 76%, 58%
HSV	218°, 71%, 90%
XYZ	24.0470, 22.0292, 77.1134
YIQ	120.6880, -68.5020, 19.0020

Conversions

Conversions Part 2

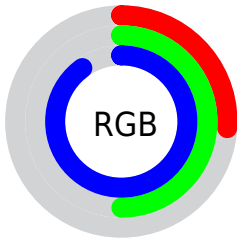
Format	Color
R _{YB}	67, 111, 229
Decimal	4423653
CIE Lab	54.06, 14.26, -57.48
CIE LCh	54, 59.227, 283.934
Yxy	22.0292, 0.1952, 0.1788
Android (android.graphics.Color)	4282613733 (0xFF437FE5)
YUV	120.6880, 53.3978, -47.0844
Hunter-Lab	46.9353, 9.3166, -64.5572

Details

The Hex color **437FE5** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **E5A943**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **85B3FF**, and **004FAD** is the 20% darker color. If you saturate the color by 10%, you get **2C71E5**, and if you desaturate by 10%, it is **5A8DE5**.

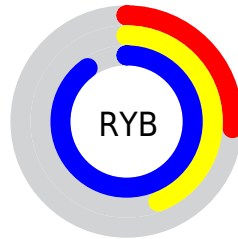
Distribution



Red (26%)

Green (50%)

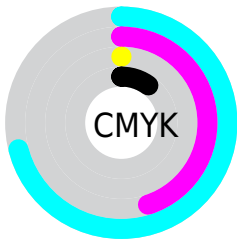
Blue (90%)



Red (26%)

Yellow (44%)

Blue (90%)

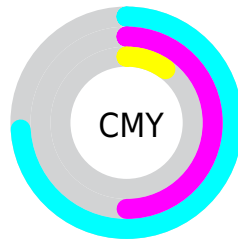


Cyan (71%)

Magenta (45%)

Yellow (0%)

Black (10%)



Cyan (74%)

Magenta (50%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 437FE5 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 437FE5 by changing the saturation by 10% instead.

■ 437FE5

■ 437FE5

FFFFFF

■ 1066C9

■ 85B3FF

■ 004FAD

■ A3CFFF

■ 003992

■ C2EBFF

■ 002577

■ E0FFFF

■ 00105E

■ 000845

■ 00042E

■ 000119

■ 000000

■ 437FE5

■ 437FE5

■ 2C71E5

■ 5A8DE5

■ 1562E5

■ 719CE5

■ 0055E5

■ 88AAE5

■ 9FB9E5

■ B6C7E5

■ CCD6E5

■ E3E4E5

■ FAF2E5

■ FFFE5

Harmonies

Analogous

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



008FE4



437FE5



A269CB

Triad

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



437FE5



D15F3C



009763

Complementary

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



437FE5



E5A943

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.



499131



437FE5



B17512

Square

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



437FE5



DD4F6C



848605



009998

Rectangle

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



437FE5



C459AF



848605



009652

Sweetspot

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



437FE5



C9DDFF



43E5A7



606B80



000000



808080

Same Dimension

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



437FE5



2677FF



5643E5



676C73



0042B3



001333

Inverse Universe

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



E5437F



FF2677



D2E543



73676C



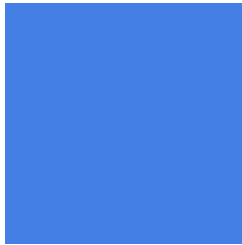
B30042



330013

Previews

White Background



This preview shows how the Hex color 437FE5 looks on a white background.

Color Contrast Check

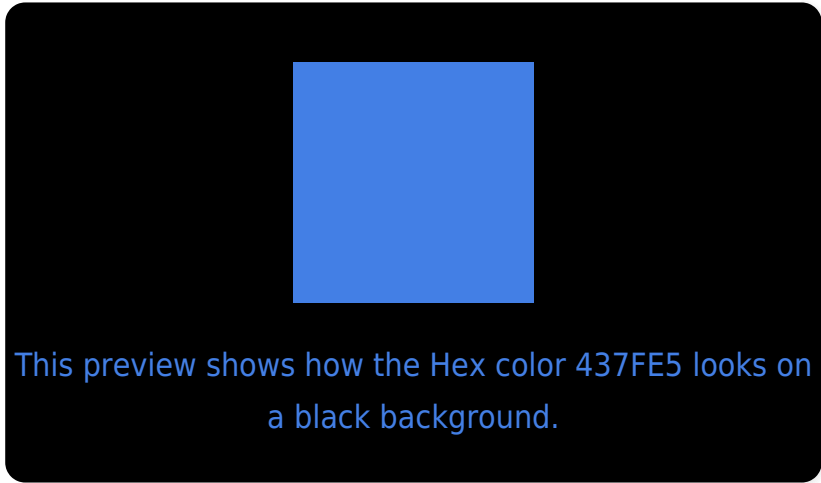
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

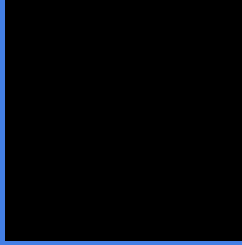
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

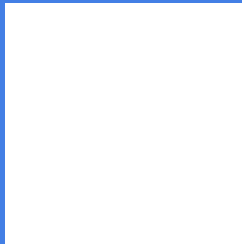
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 437FE5 Background



This preview shows how black text looks on a background with the Hex color 437FE5.

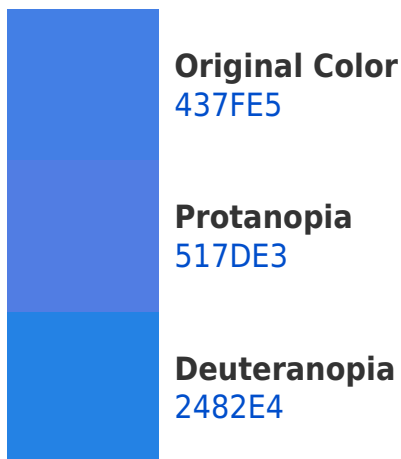


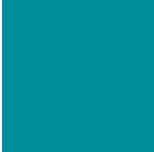
This preview shows how white text looks on a background with the Hex color 437FE5.

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](#).

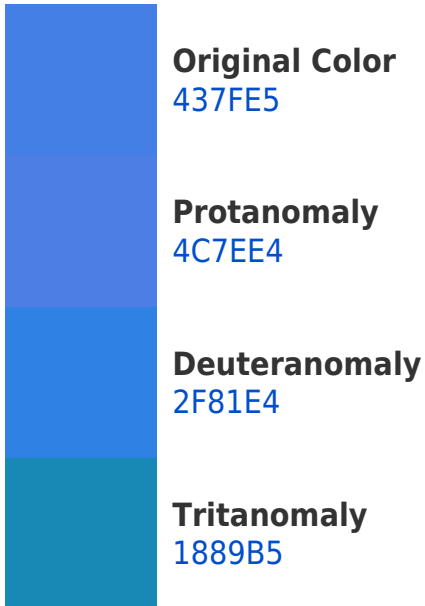
Dichromacy



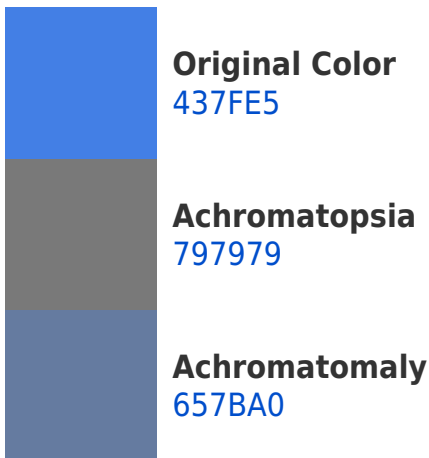


Tritanopia
008F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 437FE5 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 #437FE5 looks like.

```
.text, #text, p{  
    color:#437FE5  
}
```

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 #437FE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #437FE5  
}
```

Border

The CSS property to change the border of an element to Hex 437FE5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

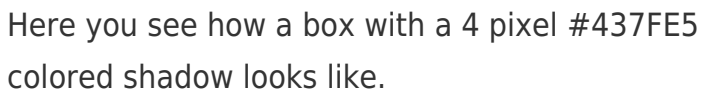
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#437FE5 }
```

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

```
.border{ border-color:#437FE5 }
```

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



Here you see how a box with a 4 pixel #437FE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #437FE5; -webkit-box-shadow:4px 4px  
4px 4px #437FE5; box-shadow:4px 4px 4px  
4px #437FE5 }
```

Background

The CSS property to change the background color of an element to Hex 437FE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#437FE5 }
```

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

```
.background{ background-color:#437FE5 }
```

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