

Converting Colors

Hex(425FCF)

Have a look what the booklet for
Hex(425FCF) contains.

Hex(425FCF)	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(425FCF)

Conversions

Conversions Part 1

Format	Color
Hex	425FCF
RGB	66, 95, 207
RGB Percent	26%, 37%, 81%
CMY	0.7412, 0.6275, 0.1882
CMYK	0.68, 0.54, 0.00, 0.19
HSL	228°, 59%, 54%
HSV	228°, 68%, 81%
XYZ	17.6015, 13.8477, 60.7767
YIQ	99.0970, -53.2360, 28.6840

Conversions

Conversions Part 2

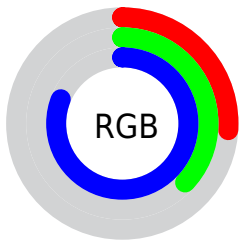
Format	Color
R _{YB}	66, 90, 207
Decimal	4349903
CIE _{Lab}	44.01, 26.32, -61.20
CIE _{LCh}	44, 66.620, 293.268
Yxy	13.8477, 0.1909, 0.1501
Android (android.graphics.Color)	4282539983 (0xFF425FCF)
YUV	99.0970, 53.1962, -29.0261
Hunter-Lab	37.2124, 19.3086, -70.7858

Details

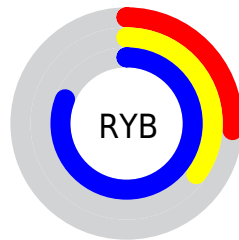
The Hex color **425FCF** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **CFB242**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8191FF**, and **003298** is the 20% darker color. If you saturate the color by 10%, you get **2D4FCF**, and if you desaturate by 10%, it is **576FCF**.

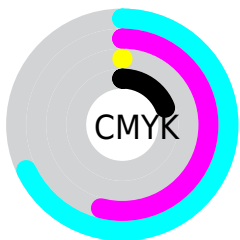
Distribution



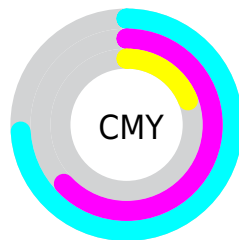
- Red (26%)
- Green (37%)
- Blue (81%)



- Red (26%)
- Yellow (35%)
- Blue (81%)



- Cyan (68%)
- Magenta (54%)
- Yellow (0%)
- Black (19%)



- Cyan (74%)
- Magenta (63%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 425FCF 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 425FCF by changing the saturation by 10% instead.

 425FCF

 425FCF

FFFFFF

 1648B3

 8191FF

 003298

 9FABFF

 001E7D

 BDC7FF

 000963

 DBE3FF

 00094B

 F9FFFF

 000433

 00021D

 000000

 425FCF

 425FCF

■ 2D4FCF

■ 576FCF

■ 193ECF

■ 6B80CF

■ 042ECF

■ 8090CF

■ 002BCF

■ 95A1CF

■ A9B1CF

■ BEC2CF

■ D3D2CF

■ E8E3CF

■ FCF3CF

Harmonies

Analogous

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



0073D7



425FCF



9D41AB

Triad

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



425FCF



B04804



007F59

Complementary

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



425FCF



CFB242

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.



007B1D



425FCF



896100

Square

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



425FCF



C62840



557200



008092

Rectangle

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



425FCF



BA2A89



557200



007E46

Sweetspot

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



425FCF



CCD6FF



42CFB0



616780



000000



808080

Same Dimension

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



425FCF



2E59FF



6A42CF



5E6069



0023A8



000829

Inverse Universe

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



CF425F



FF2E59



A7CF42



695E60



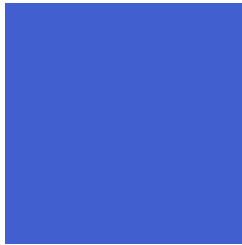
A80023



290008

Previews

White Background



This preview shows how the Hex color 425FCF 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



This preview shows how the Hex color 425FCF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

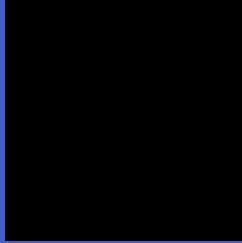
Any Text WCAG AA × Fail

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 425FCF Background



This preview shows how black text looks on a background with the Hex color 425FCF.



This preview shows how white text looks on a background with the Hex color 425FCF.

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](#).

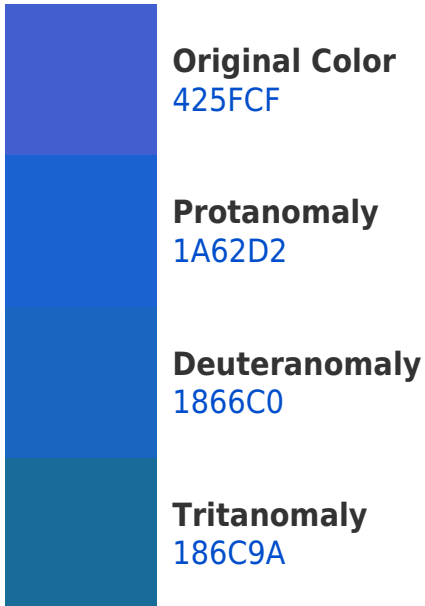
Dichromacy



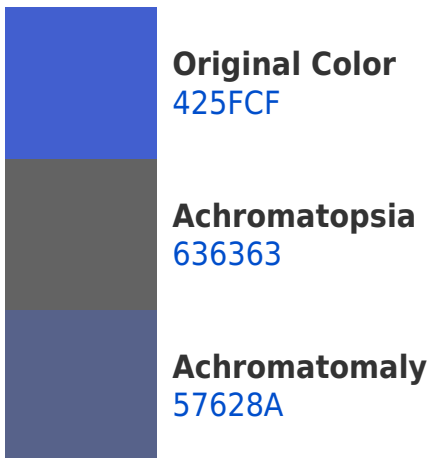


Tritanopia
00737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 425FCF 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 #425FCF looks like.

```
.text, #text, p{  
    color:#425FCF  
}
```

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 #425FCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #425FCF
}
```

Border

The CSS property to change the border of an element to Hex 425FCF is called "border". The border property can be set on classes, ids or directly on the HTML element.

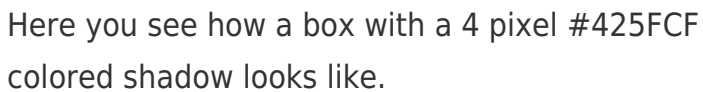
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#425FCF }
```

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

```
.border{ border-color:#425FCF }
```

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



Here you see how a box with a 4 pixel #425FCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #425FCF; -webkit-box-shadow:4px 4px  
4px 4px #425FCF; box-shadow:4px 4px 4px  
4px #425FCF }
```

Background

The CSS property to change the background color of an element to Hex 425FCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#425FCF }
```

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

```
.background{ background-color:#425FCF }
```

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