

Converting Colors

Hex(465AFB)

Have a look what the booklet for
Hex(465AFB) contains.

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Color

Hex(465AFB)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 465AFB |
| RGB | 70, 90, 251 |
| RGB Percent | 27%, 35%, 98% |
| CMY | 0.7255, 0.6471, 0.0157 |
| CMYK | 0.72, 0.64, 0.00, 0.02 |
| HSL | 233°, 96%, 63% |
| HSV | 233°, 72%, 98% |
| XYZ | 23.5945, 15.5795, 93.0304 |
| YIQ | 102.3740, -63.6010, 45.8310 |

Conversions

Conversions Part 2

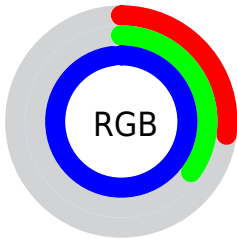
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 70, 88, 251 |
| Decimal | 4610811 |
| CIE Lab | 46.42, 45.20, -82.16 |
| CIE LCh | 46, 93.774, 298.815 |
| Yxy | 15.5795, 0.1785, 0.1178 |
| Android (android.graphics.Color) | 4282800891 (0xFF465AFB) |
| YUV | 102.3740, 73.2726, -28.3920 |
| Hunter-Lab | 39.4708, 37.6283, -112.1134 |

Details

The Hex color **465AFB** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle washed blue. A complement of this color would be **FBE746**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **8D8CFF**, and **002CC1** is the 20% darker color. If you saturate the color by 10%, you get **2D44FB**, and if you desaturate by 10%, it is **5F70FB**.

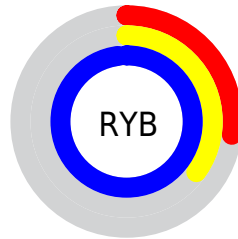
Distribution



Red (27%)

Green (35%)

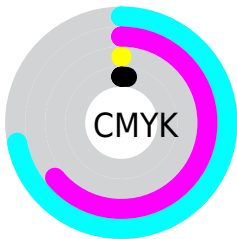
Blue (98%)



Red (27%)

Yellow (35%)

Blue (98%)

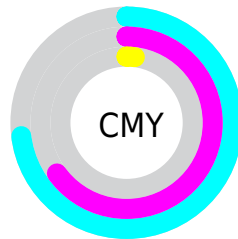


Cyan (72%)

Magenta (64%)

Yellow (0%)

Black (2%)



Cyan (73%)

Magenta (65%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 465AFB 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 465AFB by changing the saturation by 10% instead.

 465AFB

 465AFB

FFFFFF

 0242DE

 8D8CFF

 002CC1

 ADA7FF

 0018A5

 CCC2FF

 00078A

 ECDEFF

 00006F

 FFFBFF

 000C56

 00063E

 000327

 000110

■ 465AFB

■ 465AFB

■ 2D44FB

■ 5F70FB

■ 142DFB

■ 7887FB

■ 001CFB

■ 919DFB

■ AAB3FB

■ C4CAFB

■ DDE0FB

■ F6F6FB

■ FFFFFB

Harmonies

Analogous

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



007BFF



465AFB



C400C1

Triad

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



465AFB



C44300



008B69

Complementary

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



465AFB



FBE746

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.



008702



465AFB



896B00

Square

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



465AFB



E90028



367E00



008DB9

Rectangle

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



465AFB



E5008F



367E00



008A4D

Sweetspot

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



465AFB



C7CDFF



46FBE6



5E6280



000000



808080

Same Dimension

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



465AFB



213AFF



8B46FB



70727D



0015BD



00073D

Inverse Universe

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



FB465A



FF213A



B6FB46



7D7072



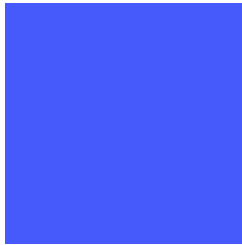
BD0015



3D0007

Previews

White Background



This preview shows how the Hex color 465AFB looks on a white background.

Color Contrast Check

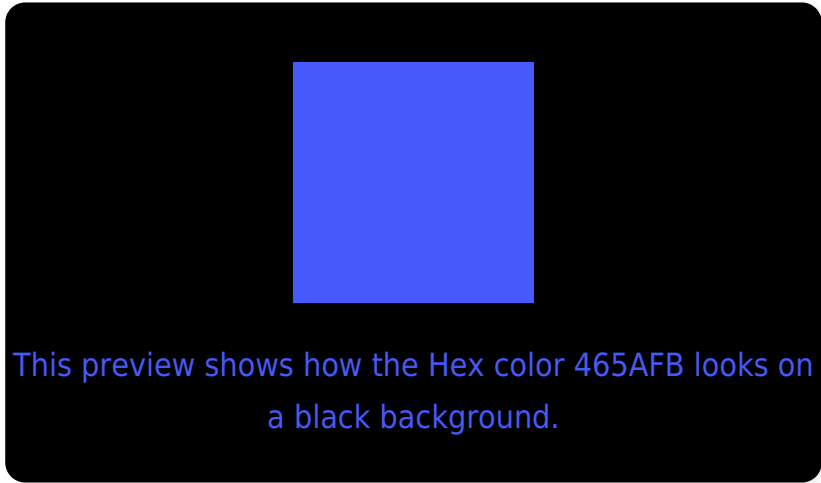
Large Text (above 18pt) WCAG AA ✓ Pass

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

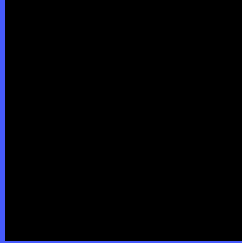
Any Text WCAG AA × Fail

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 465AFB Background



This preview shows how black text looks on a background with the Hex color 465AFB.

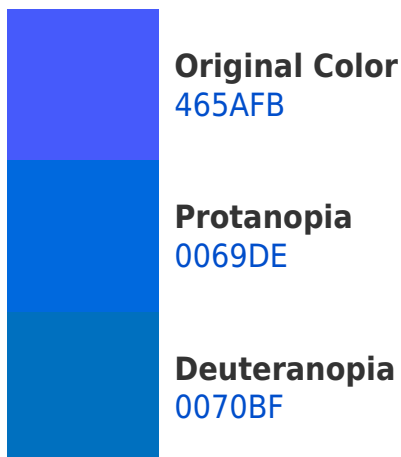


This preview shows how white text looks on a background with the Hex color 465AFB.

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](#).

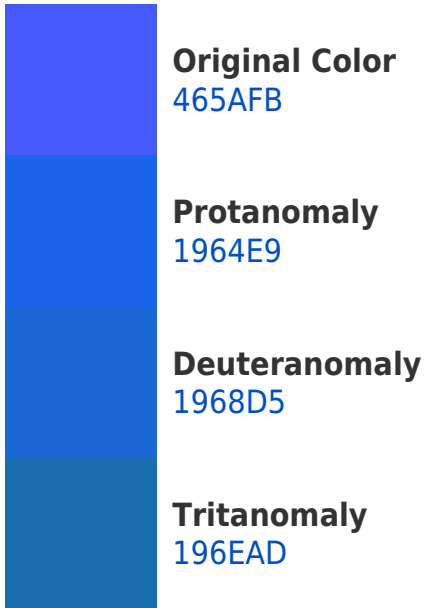
Dichromacy



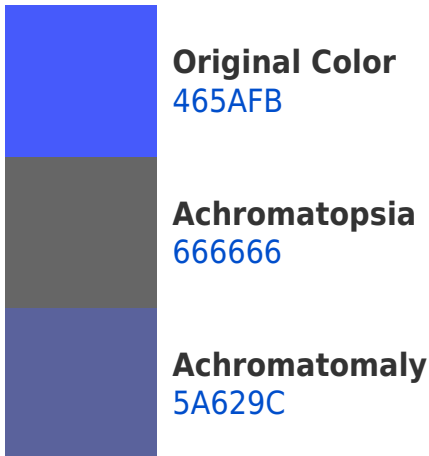


Tritanopia
007981

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 465AFB 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 #465AFB looks like.

```
.text, #text, p{  
    color:#465AFB  
}
```

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 #465AFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465AFB
}
```

Border

The CSS property to change the border of an element to Hex 465AFB 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
#465AFB }
```

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

```
.border{ border-color:#465AFB }
```

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

Here you see how a box with a 4 pixel #465AFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465AFB; -webkit-box-shadow:4px 4px  
4px 4px #465AFB; box-shadow:4px 4px 4px  
4px #465AFB }
```

Background

The CSS property to change the background color of an element to Hex 465AFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465AFB }
```

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

```
.background{ background-color:#465AFB }
```

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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