

Converting Colors

Hex(465AF0)

Have a look what the booklet for
Hex(465AF0) contains.

Hex(465AF0)	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(465AF0)

Conversions

Conversions Part 1

Format	Color
Hex	465AF0
RGB	70, 90, 240
RGB Percent	27%, 35%, 94%
CMY	0.7255, 0.6471, 0.0588
CMYK	0.71, 0.62, 0.00, 0.06
HSL	233°, 85%, 61%
HSV	233°, 71%, 94%
XYZ	21.9101, 14.9057, 84.1604
YIQ	101.1200, -60.0700, 42.4100

Conversions

Conversions Part 2

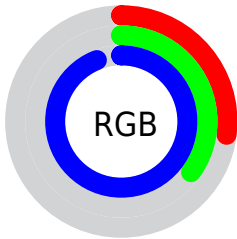
Format	Color
R_{YB}	70, 88, 240
Decimal	4610800
CIE _{Lab}	45.50, 41.47, -77.50
CIE _{LCh}	46, 87.901, 298.150
Yxy	14.9057, 0.1811, 0.1232
Android (android.graphics.Color)	4282800880 (0xFF465AF0)
YUV	101.1200, 68.4678, -27.2922
Hunter-Lab	38.6079, 33.7356, -102.2193

Details

The Hex color **465AF0** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed blue. A complement of this color would be **F0DC46**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **8B8CFF**, and **002DB7** is the 20% darker color. If you saturate the color by 10%, you get **2E45F0**, and if you desaturate by 10%, it is **5E6FF0**.

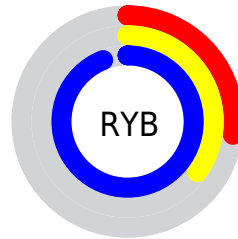
Distribution



Red (27%)

Green (35%)

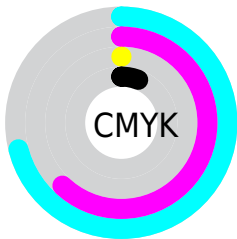
Blue (94%)



Red (27%)

Yellow (35%)

Blue (94%)

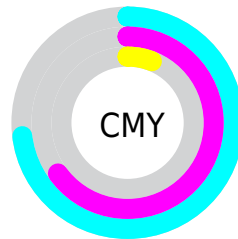


Cyan (71%)

Magenta (62%)

Yellow (0%)

Black (6%)



Cyan (73%)

Magenta (65%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 465AF0 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 465AF0 by changing the saturation by 10% instead.

 465AF0

 465AF0

FFFFFF

 0D43D3

 8B8CFF

 002DB7

 AAA7FF

 00199B

 C9C2FF

 000780


 E8DEFF

 000066

 FFFAFF

 000A4D

 000535

 00021F

 000002

 465AF0

 465AF0

 2E45F0

 5E6FF0

 1630F0

 7684F0

 001CF0

 8E9AF0

 A6AFF0

 BEC4F0

 D6D9F0

 EEEEF0

 FFFFF0

Harmonies

Analogous

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



0078FF



465AF0



BB1ABB

Triad

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



465AF0



BE4400



008865

Complementary

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



465AF0



F0DC46

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.



00840A



465AF0



886800

Square

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



465AF0



E0002C



3D7B00



0089B0

Rectangle

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



465AF0



DB008C



3D7B00



00874B

Sweetspot

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



465AF0



C9D0FF



46F0D9



606380



000000



808080

Same Dimension

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



465AF0



2640FF



8446F0



6C6D78



0016B8



000738

Inverse Universe

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



F0465A



FF2640



B2F046



786C6D



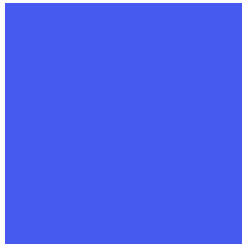
B80016



380007

Previews

White Background



This preview shows how the Hex color 465AF0 looks on a white background.

Color Contrast Check

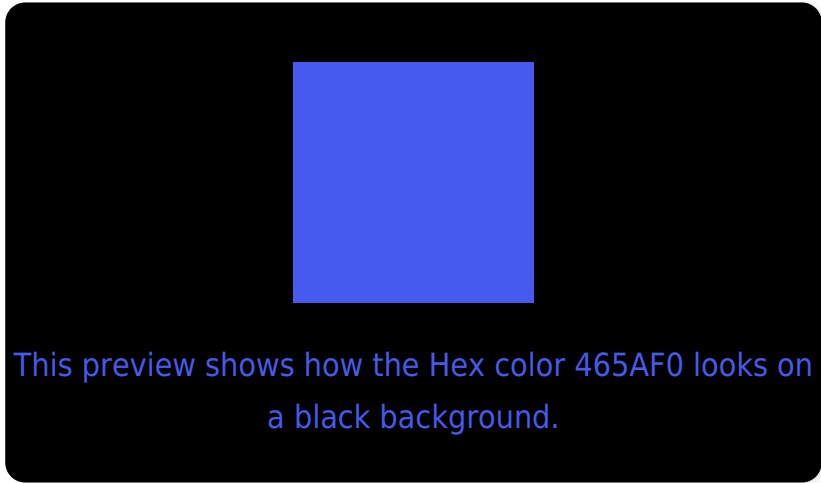
Large Text (above 18pt) WCAG AA ✓ Pass

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

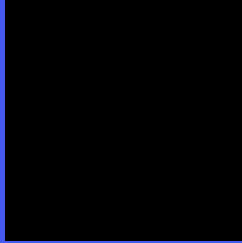
Any Text WCAG AA × Fail

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 465AF0 Background



This preview shows how black text looks on a background with the Hex color 465AF0.

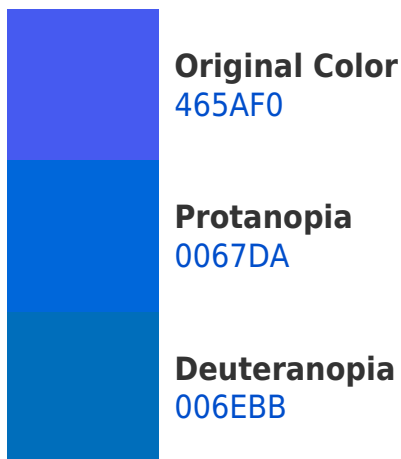


This preview shows how white text looks on a background with the Hex color 465AF0.

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](#).

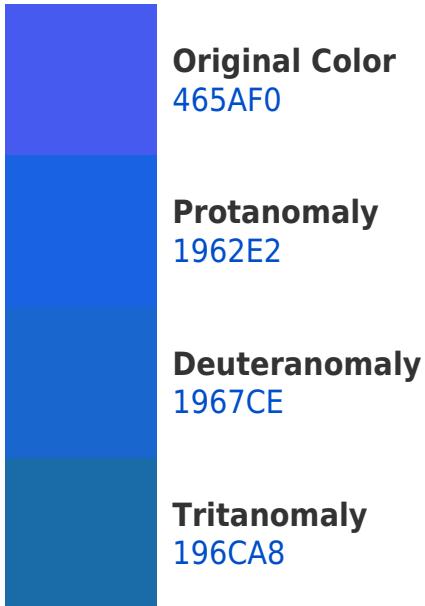
Dichromacy





Tritanopia
00777F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 465AF0 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 #465AF0 looks like.

```
.text, #text, p{  
    color:#465AF0  
}
```

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 #465AF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #465AF0
}
```

Border

The CSS property to change the border of an element to Hex 465AF0 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
#465AF0 }
```

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

```
.border{ border-color:#465AF0 }
```

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

Here you see how a box with a 4 pixel #465AF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #465AF0; -webkit-box-shadow:4px 4px  
4px 4px #465AF0; box-shadow:4px 4px 4px  
4px #465AF0 }
```

Background

The CSS property to change the background color of an element to Hex 465AF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#465AF0 }
```

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

```
.background{ background-color:#465AF0 }
```

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