

Converting Colors

Hex(445CE0)

Have a look what the booklet for
Hex(445CE0) contains.

Hex(445CE0)	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(445CE0)

Conversions

Conversions Part 1

Format	Color
Hex	445CE0
RGB	68, 92, 224
RGB Percent	27%, 36%, 88%
CMY	0.7333, 0.6392, 0.1216
CMYK	0.70, 0.59, 0.00, 0.12
HSL	231°, 72%, 57%
HSV	231°, 70%, 88%
XYZ	19.6656, 14.2651, 72.2379
YIQ	99.8720, -56.6760, 35.9640

Conversions

Conversions Part 2

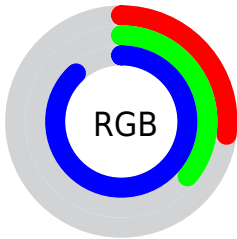
Format	Color
R _{YB}	68, 89, 224
Decimal	4480224
CIE Lab	44.61, 34.48, -69.93
CIE LCh	45, 77.969, 296.242
Yxy	14.2651, 0.1852, 0.1344
Android (android.graphics.Color)	4282670304 (0xFF445CE0)
YUV	99.8720, 61.1951, -27.9517
Hunter-Lab	37.7691, 26.8453, -86.9609

Details

The Hex color **445CE0** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **E0C844**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **868EFF**, and **002FA8** is the 20% darker color. If you saturate the color by 10%, you get **2E49E0**, and if you desaturate by 10%, it is **5A6FE0**.

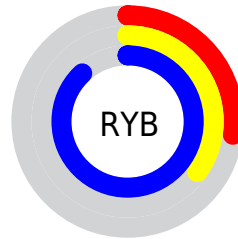
Distribution



Red (27%)

Green (36%)

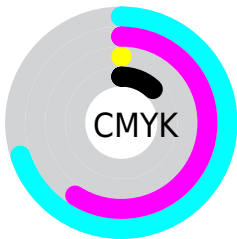
Blue (88%)



Red (27%)

Yellow (35%)

Blue (88%)

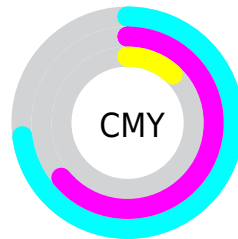


Cyan (70%)

Magenta (59%)

Yellow (0%)

Black (12%)



Cyan (73%)

Magenta (64%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 445CE0 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 445CE0 by changing the saturation by 10% instead.

■ 445CE0

■ 445CE0

FFFFFF

■ 1245C3

■ 868EFF

■ 002FA8

■ A5A8FF

■ 001B8C

■ C3C4FF

■ 000872

■ E2E0FF

■ 000459

■ FFFCFF

■ 000740

■ 000329

■ 000113

■ 000000

■ 445CE0

■ 445CE0

■ 2E49E0

■ 5A6FE0

■ 1736E0

■ 7182E0

■ 0123E0

■ 8795E0

■ 0022E0

■ 9EA8E0

■ B4BBE0

■ CACEE0

■ E1E1E0

■ F7F4E0

■ FFFFE0

Harmonies

Analogous

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



0075ED



445CE0



AD31B3

Triad

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



445CE0



B74500



00835F

Complementary

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



445CE0



E0C844

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.



007F14



445CE0



886400

Square

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



445CE0



D30635



487600



0084A2

Rectangle

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



445CE0



CB008A



487600



008248

Sweetspot

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



445CE0



C9D2FF



44E0C6



606580



000000



808080

Same Dimension

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



445CE0



294AFF



7844E0



656770



001BB0



000730

Inverse Universe

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



E0445C



FF294A



ACE044



706567



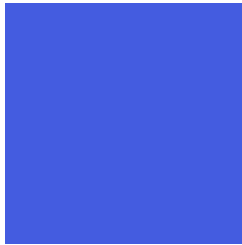
B0001B



300007

Previews

White Background



This preview shows how the Hex color 445CE0 looks on a white background.

Color Contrast Check

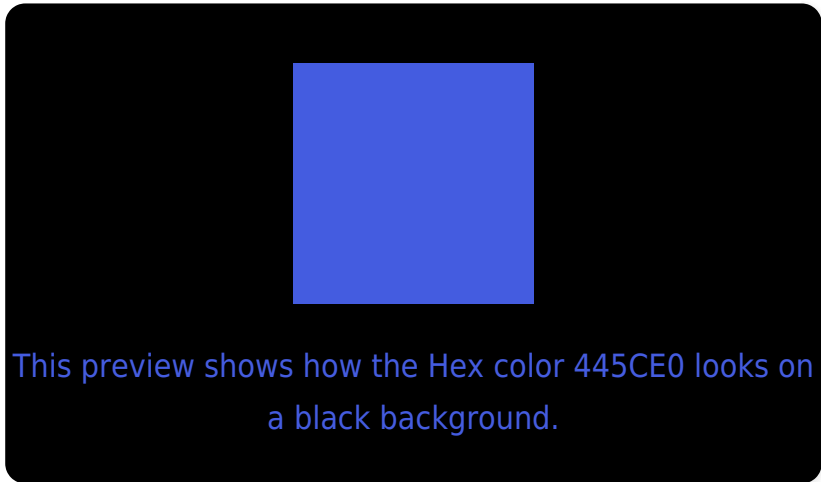
Large Text (above 18pt) WCAG AA ✓ Pass

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

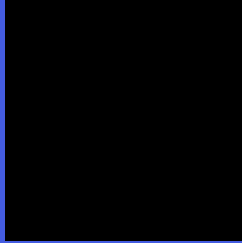
Any Text WCAG AA × Fail

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 445CE0 Background



This preview shows how black text looks on a background with the Hex color 445CE0.

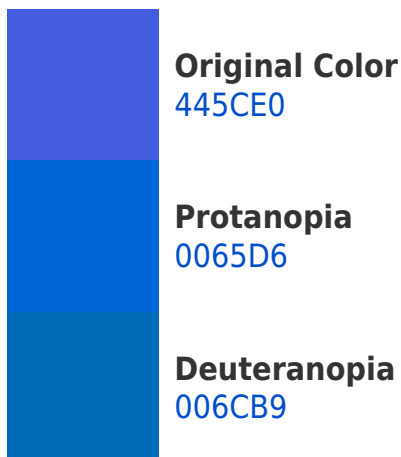


This preview shows how white text looks on a background with the Hex color 445CE0.

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](#).

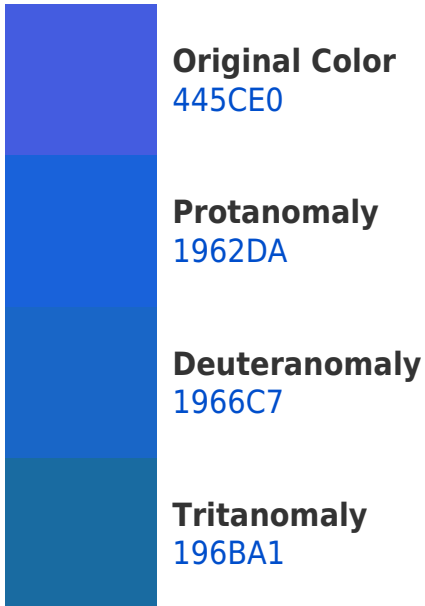
Dichromacy





Tritanopia
00747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 445CE0 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 #445CE0 looks like.

```
.text, #text, p{  
    color:#445CE0  
}
```

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 #445CE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #445CE0
}
```

Border

The CSS property to change the border of an element to Hex 445CE0 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
#445CE0 }
```

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

```
.border{ border-color:#445CE0 }
```

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

Here you see how a box with a 4 pixel #445CE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #445CE0; -webkit-box-shadow:4px 4px  
4px 4px #445CE0; box-shadow:4px 4px 4px  
4px #445CE0 }
```

Background

The CSS property to change the background color of an element to Hex 445CE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#445CE0 }
```

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

```
.background{ background-color:#445CE0 }
```

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