

Converting Colors

Hex(4425E9)

Have a look what the booklet for
Hex(4425E9) contains.

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Color

Hex(4425E9)

Conversions

Conversions Part 1

Format	Color
Hex	4425E9
RGB	68, 37, 233
RGB Percent	27%, 15%, 91%
CMY	0.7333, 0.8549, 0.0863
CMYK	0.71, 0.84, 0.00, 0.09
HSL	249°, 82%, 53%
HSV	249°, 84%, 91%
XYZ	17.7534, 8.4353, 77.7833
YIQ	68.6130, -44.4400, 67.5280

Conversions

Conversions Part 2

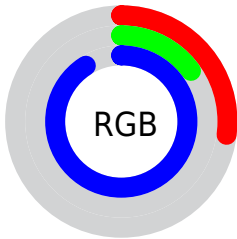
Format	Color
RYB	68, 37, 233
Decimal	4466153
CIELab	34.87, 66.53, -91.08
CIELCh	35, 112.789, 306.149
Yxy	8.4353, 0.1708, 0.0811
Android (android.graphics.Color)	4282656233 (0xFF4425E9)
YUV	68.6130, 81.0428, -0.5376
Hunter-Lab	29.0435, 58.2855, -138.4576

Details

The Hex color **4425E9** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **CAE925**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **8B5AFF**, and **0000B0** is the 20% darker color. If you saturate the color by 10%, you get **300EE9**, and if you desaturate by 10%, it is **583CE9**.

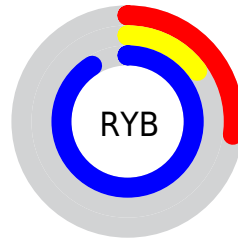
Distribution



Red (27%)

Green (15%)

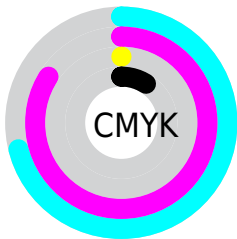
Blue (91%)



Red (27%)

Yellow (15%)

Blue (91%)

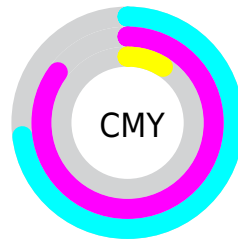


Cyan (71%)

Magenta (84%)

Yellow (0%)

Black (9%)



Cyan (73%)

Magenta (85%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4425E9 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 4425E9 by changing the saturation by 10% instead.

■ 4425E9

■ 4425E9

FFFFFF

■ 0002CC

■ 8B5AFF

■ 0000B0

■ AC75FF

■ 000094

■ CB90FF

■ 000079

■ EBACFF

■ 000D5F

■ FFC8FF

■ 000846

■ FFE5FF

■ 00042F

■ 000119

■ 000000

■ 4425E9

■ 4425E9

■ 300EE9

■ 583CE9

■ 2500E9

■ 6B54E9

■ 7F6BE9

■ 9282E9

■ A69AE9

■ BAB1E9

■ CDC8E9

■ E1DFE9

■ F5F7E9

Harmonies

Analogous

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



005EFF



4425E9



C1009D

Triad

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



4425E9



9B2800



006E64

Complementary

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



4425E9



CAE925

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.



006B00



4425E9



545600

Square

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



4425E9



CC0000



006600



0070BD

Rectangle

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



4425E9



DB0062



006600



006D44

Sweetspot

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



4425E9



C9BFFF



25CCE9



5F5980



000000



808080

Same Dimension

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



4425E9



2800FF



A425E9



6B6A75



1D00B5



080036

Inverse Universe

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



E925CA



FF00D7



6AE925



756A73



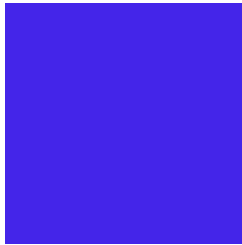
B50098



36002D

Previews

White Background



This preview shows how the Hex color 4425E9 looks on a white background.

Color Contrast Check

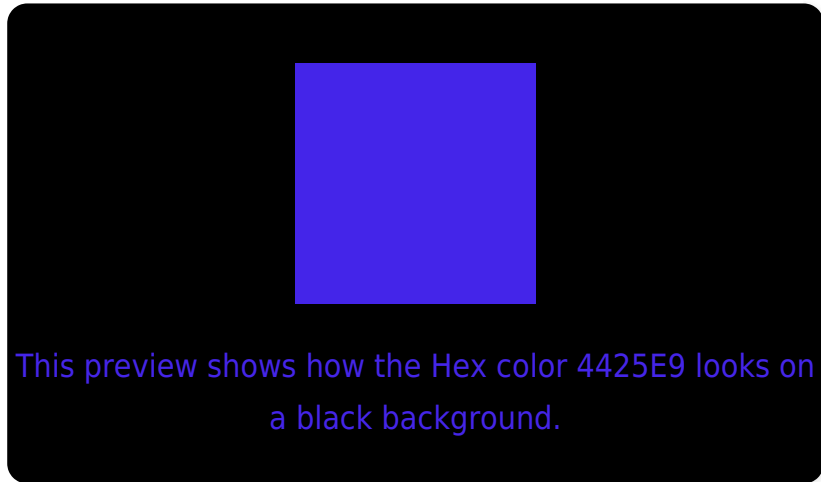
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

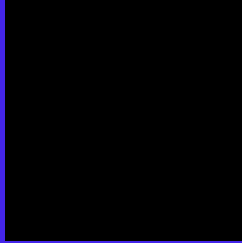
Any Text WCAG AA × Fail

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 4425E9 Background



This preview shows how black text looks on a background with the Hex color 4425E9.

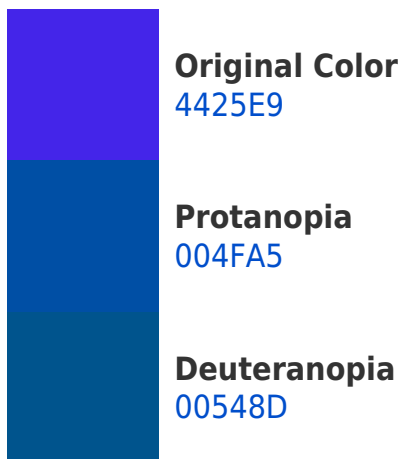


This preview shows how white text looks on a background with the Hex color 4425E9.

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
005B60

Trichromacy



Original Color
4425E9

Protanomaly
1940BE

Deuteranomaly
1943AE

Tritanomaly
194792

Monochromacy



Original Color
4425E9

Achromatopsia
454545

Achromatomaly
453981

CSS Examples

Text

The CSS property to change the color of the text to Hex 4425E9 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 #4425E9 looks like.

```
.text, #text, p{  
    color:#4425E9  
}
```

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 #4425E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4425E9
}
```

Border

The CSS property to change the border of an element to Hex 4425E9 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".

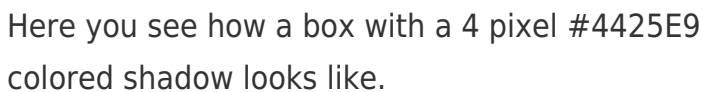
```
.border, #border, table{ border:4px solid
#4425E9 }
```

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

```
.border{ border-color:#4425E9 }
```

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

Here you see how a box with a 4 pixel #4425E9 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The shadow is visible on the right and bottom edges of the box, creating a 3D effect. The text inside the box is black and describes the visual result of the CSS code.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4425E9; -webkit-box-shadow:4px 4px  
4px 4px #4425E9; box-shadow:4px 4px 4px  
4px #4425E9 }
```

Background

The CSS property to change the background color of an element to Hex 4425E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4425E9 }
```

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

```
.background{ background-color:#4425E9 }
```

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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