

Converting Colors

Hex(4448ED)

Have a look what the booklet for
Hex(4448ED) contains.

Hex(4448ED)	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(4448ED)

Conversions

Conversions Part 1

Format	Color
Hex	4448ED
RGB	68, 72, 237
RGB Percent	27%, 28%, 93%
CMY	0.7333, 0.7176, 0.0706
CMYK	0.71, 0.70, 0.00, 0.07
HSL	239°, 82%, 60%
HSV	239°, 71%, 93%
XYZ	19.9873, 11.9781, 81.3793
YIQ	89.6140, -55.3490, 50.4670

Conversions

Conversions Part 2

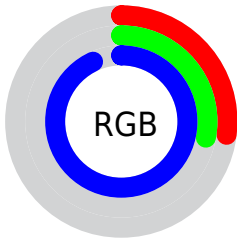
Format	Color
R _Y B	68, 72, 237
Decimal	4475117
CIE _{Lab}	41.18, 50.86, -82.91
CIE _{LCh}	41, 97.270, 301.526
Yxy	11.9781, 0.1763, 0.1057
Android (android.graphics.Color)	4282665197 (0xFF4448ED)
YUV	89.6140, 72.6613, -18.9555
Hunter-Lab	34.6094, 42.5194, -115.1859

Details

The Hex color **4448ED** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **EDE944**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **8A7AFF**, and **001AB4** is the 20% darker color. If you saturate the color by 10%, you get **2C31ED**, and if you desaturate by 10%, it is **5C5FED**.

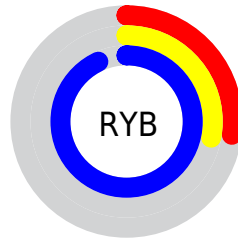
Distribution



Red (27%)

Green (28%)

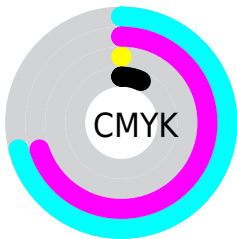
Blue (93%)



Red (27%)

Yellow (28%)

Blue (93%)

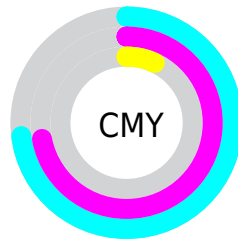


Cyan (71%)

Magenta (70%)

Yellow (0%)

Black (7%)



Cyan (73%)

Magenta (72%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4448ED 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 4448ED by changing the saturation by 10% instead.

■ 4448ED

■ 4448ED

FFFFFF

■ 0231D0

■ 8A7AFF

■ 001AB4

■ AA94FF

■ 000598

■ C9AFFF

■ 00007D

■ E8CBFF

■ 000663

■ FFE7FF

■ 00094A

■ 000432

■ 00021C

■ 000000

■ 4448ED

■ 4448ED

■ 2C31ED

■ 5C5FED

■ 151AED

■ 7376ED

■ 0006ED

■ 8B8DED

■ A3A5ED

■ BABCED

■ D2D3ED

■ EAEAED

■ FFFFED

Harmonies

Analogous

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



006DFF



4448ED



BD00AF

Triad

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



4448ED



B03800



007D63

Complementary

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



4448ED



EDE944

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.



007A00



4448ED



746000

Square

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



4448ED



D80013



017200



007FB4

Rectangle

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



4448ED



DB007B



017200



007C47

Sweetspot

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



4448ED



C9CBFF



44EDE7



606080



000000



808080

Same Dimension

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



4448ED



2429FF



9344ED



6A6A75



0004B5



000136

Inverse Universe

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



ED4448



FF2429



9EED44



756A6A



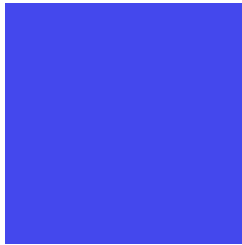
B50004



360001

Previews

White Background



This preview shows how the Hex color 4448ED looks on a white background.

Color Contrast Check

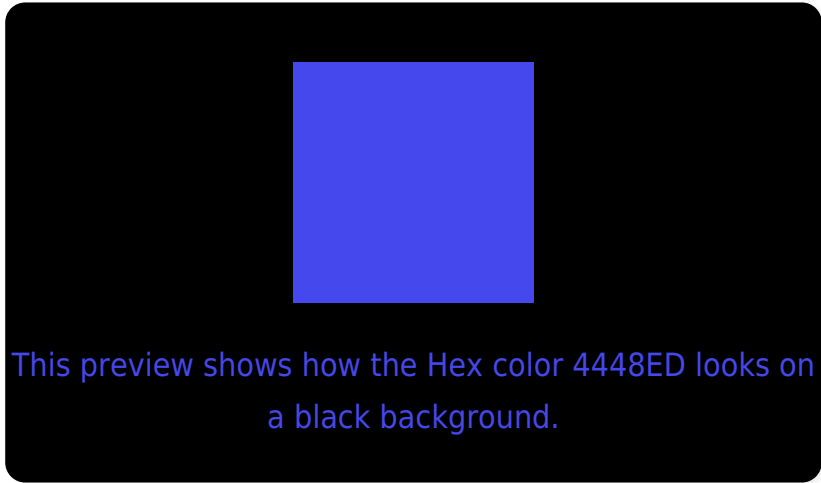
Large Text (above 18pt) WCAG AA ✓ Pass

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

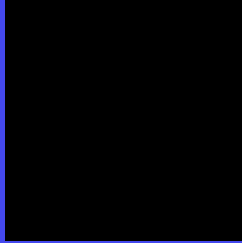
Any Text WCAG AA × Fail

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 4448ED Background



This preview shows how black text looks on a background with the Hex color 4448ED.

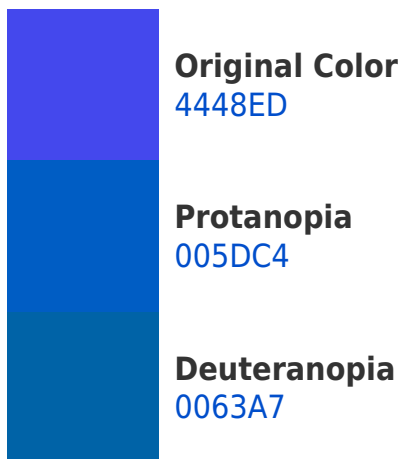


This preview shows how white text looks on a background with the Hex color 4448ED.

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](#).

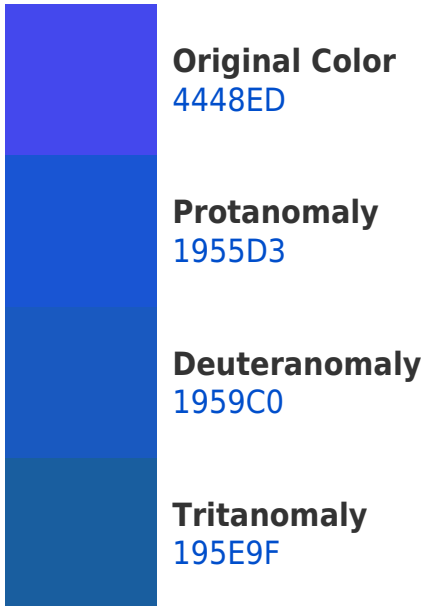
Dichromacy





Tritanopia
006B72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4448ED 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 #4448ED looks like.

```
.text, #text, p{  
    color:#4448ED  
}
```

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 #4448ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4448ED
}
```

Border

The CSS property to change the border of an element to Hex 4448ED 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
#4448ED }
```

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

```
.border{ border-color:#4448ED }
```

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

Here you see how a box with a 4 pixel #4448ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4448ED; -webkit-box-shadow:4px 4px  
4px 4px #4448ED; box-shadow:4px 4px 4px  
4px #4448ED }
```

Background

The CSS property to change the background color of an element to Hex 4448ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4448ED }
```

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

```
.background{ background-color:#4448ED }
```

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