

Converting Colors

Hex(8478EE)

Have a look what the booklet for
Hex(8478EE) contains.

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Color

Hex(8478EE)

Conversions

Conversions Part 1

Format	Color
Hex	8478EE
RGB	132, 120, 238
RGB Percent	52%, 47%, 93%
CMY	0.4824, 0.5294, 0.0667
CMYK	0.45, 0.50, 0.00, 0.07
HSL	246°, 78%, 70%
HSV	246°, 50%, 93%
XYZ	31.6648, 24.5115, 83.9512
YIQ	137.0400, -30.7260, 39.2420

Conversions

Conversions Part 2

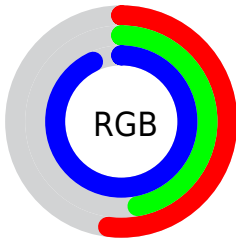
Format	Color
RYB	132, 120, 238
Decimal	8681710
CIELab	56.60, 33.70, -58.23
CIELCh	57, 67.278, 300.062
Yxy	24.5115, 0.2260, 0.1749
Android (android.graphics.Color)	4286871790 (0xFF8478EE)
YUV	137.0400, 49.7733, -4.4201
Hunter-Lab	49.5091, 27.5233, -65.8800

Details

The Hex color **8478EE** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **E2EE78**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **BEACFF**, and **4A47B5** is the 20% darker color. If you saturate the color by 10%, you get **6F60EE**, and if you desaturate by 10%, it is **9990EE**.

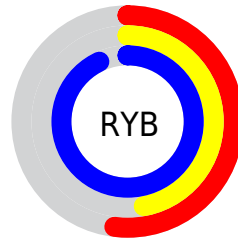
Distribution



Red (52%)

Green (47%)

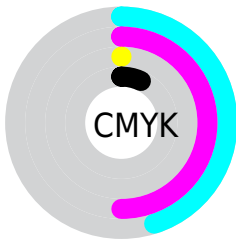
Blue (93%)



Red (52%)

Yellow (47%)

Blue (93%)

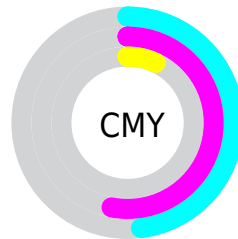


Cyan (45%)

Magenta (50%)

Yellow (0%)

Black (7%)



Cyan (48%)

Magenta (53%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8478EE 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 8478EE by changing the saturation by 10% instead.

 8478EE

 8478EE

FFFFFF

 675FD1

 BEACFF

 4A47B5

 DBC8FF

 29319A

 F9E4FF

 001B7F

 000866

 00004D

 000535

 00021F

 000002

 8478EE

 8478EE

 6F60EE

 9990EE

 5948EE

 AFA8EE

 4431EE

 C4BFEE

 2E19EE

 DAD7EE

 1901EE

 EFEFEE

 1800EE

 FFFFEE

Harmonies

Analogous

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



008FFE



8478EE



CD5BC3

Triad

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



8478EE



D06E1A



00A286

Complementary

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



8478EE



E2EE78

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.



009E49



8478EE



A38500

Square

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



8478EE



EB5351



689508



00A2C1

Rectangle

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



8478EE



E64C9E



689508



00A172

Sweetspot

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



8478EE



DDD9FF



78E2EE



6B6980



000000



808080

Same Dimension

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



8478EE



7869FF



BF78EE



6D6C78



1300B8



060038

Inverse Universe

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



EE78E2



FF69F0



A7EE78



786C77



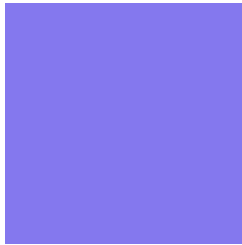
B800A5



380032

Previews

White Background



This preview shows how the Hex color 8478EE looks on a white background.

Color Contrast Check

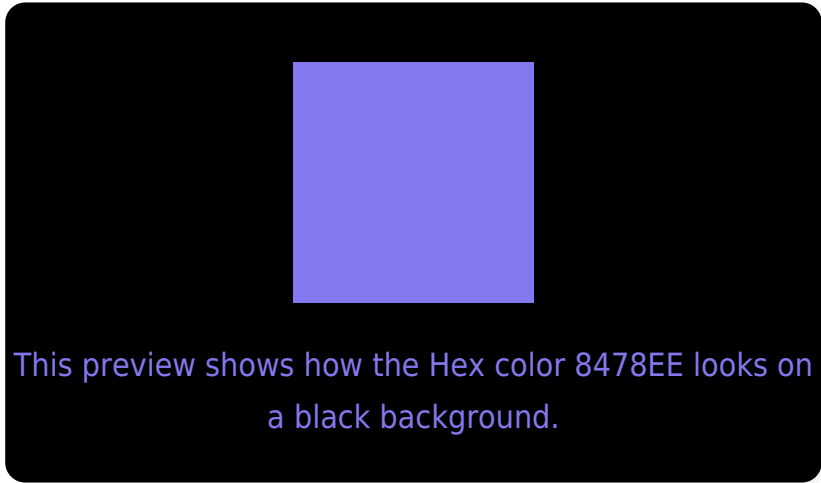
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

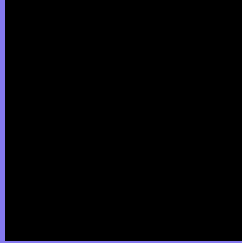
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 8478EE Background



This preview shows how black text looks on a background with the Hex color 8478EE.

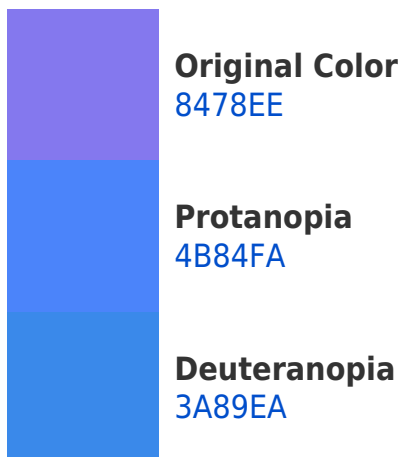


This preview shows how white text looks on a background with the Hex color 8478EE.

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](#).

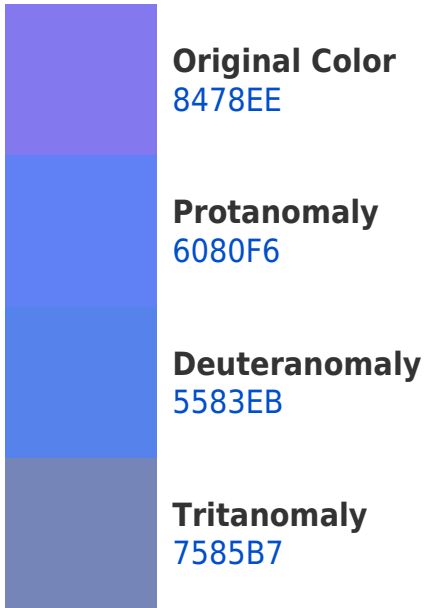
Dichromacy





Tritanopia
6D8D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8478EE 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 #8478EE looks like.

```
.text, #text, p{  
    color:#8478EE  
}
```

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 #8478EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8478EE
}
```

Border

The CSS property to change the border of an element to Hex 8478EE is called "border". The border property can be set on classes, ids or directly on the HTML element.

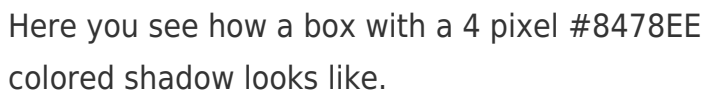
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8478EE }
```

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

```
.border{ border-color:#8478EE }
```

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



Here you see how a box with a 4 pixel #8478EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8478EE; -webkit-box-shadow:4px 4px  
4px 4px #8478EE; box-shadow:4px 4px 4px  
4px #8478EE }
```

Background

The CSS property to change the background color of an element to Hex 8478EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8478EE }
```

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

```
.background{ background-color:#8478EE }
```

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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