

Converting Colors

Hex(8452EE)

Have a look what the booklet for
Hex(8452EE) contains.

Hex(8452EE)	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(8452EE)

Conversions

Conversions Part 1

Format	Color
Hex	8452EE
RGB	132, 82, 238
RGB Percent	52%, 32%, 93%
CMY	0.4824, 0.6784, 0.0667
CMYK	0.45, 0.66, 0.00, 0.07
HSL	259°, 82%, 63%
HSV	259°, 66%, 93%
XYZ	27.9656, 17.1132, 82.7181
YIQ	114.7340, -20.2760, 59.1160

Conversions

Conversions Part 2

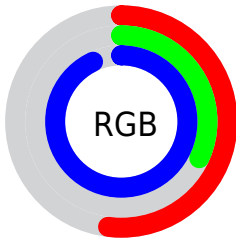
Format	Color
R _Y B	132, 82, 238
Decimal	8671982
CIE Lab	48.40, 54.96, -71.45
CIE LCh	48, 90.146, 307.567
Yxy	17.1132, 0.2188, 0.1339
Android (android.graphics.Color)	4286862062 (0xFF8452EE)
YUV	114.7340, 60.7701, 15.1423
Hunter-Lab	41.3681, 48.2754, -89.5966

Details

The Hex color **8452EE** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **BCEE52**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **C086FF**, and **471FB5** is the 20% darker color. If you saturate the color by 10%, you get **743AEE**, and if you desaturate by 10%, it is **946AEE**.

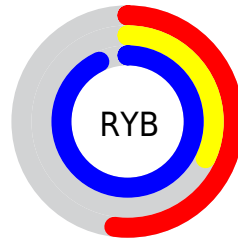
Distribution



Red (52%)

Green (32%)

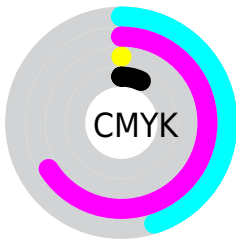
Blue (93%)



Red (52%)

Yellow (32%)

Blue (93%)

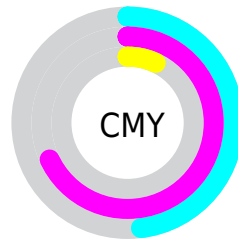


Cyan (45%)

Magenta (66%)

Yellow (0%)

Black (7%)



Cyan (48%)

Magenta (68%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8452EE 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 8452EE by changing the saturation by 10% instead.

 8452EE

 8452EE

FFFFFF

 6639D1

 C086FF

 471FB5

 DEA1FF

 210099

 FCBDFE

 00007E

 FFD9FF

 000065

 FFF6FF

 00054B

 000434

 00021E

 000000

8452EE

8452EE

743AEE

946AEE

6422EE

A482EE

530BEE

B599EE

4C00EE

C5B1EE

D5C9EE

E5E1EE

F5F9EE

FFFFEE

Harmonies

Analogous

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



0078FF



8452EE



D800AF

Triad

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



8452EE



B95800



009185

Complementary

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



8452EE



BCEE52

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.



008E33



8452EE



7B7600

Square

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



8452EE



E41717



0F8600



0091CF

Rectangle

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



8452EE



EE007D



0F8600



00906A

Sweetspot

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



8452EE



DCCCFF



52BDEE



6B6180



000000



808080

Same Dimension

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



8452EE



7636FF



D152EE



706C78



3B00B8



120038

Inverse Universe

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



EE52BC



FF36BE



6FEE52



786C74



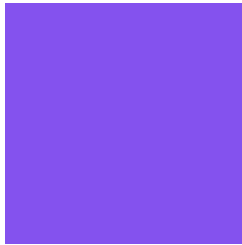
B8007D



380026

Previews

White Background



This preview shows how the Hex color 8452EE looks on a white background.

Color Contrast Check

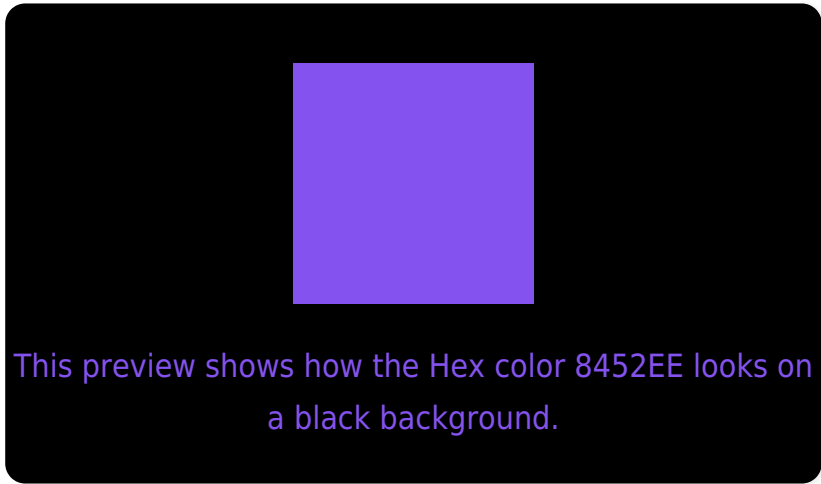
Large Text (above 18pt) WCAG AA ✓ Pass

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

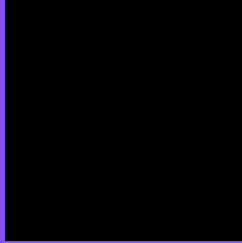
Any Text WCAG AA × Fail

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 8452EE Background



This preview shows how black text looks on a background with the Hex color 8452EE.



This preview shows how white text looks on a background with the Hex color 8452EE.

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](#).

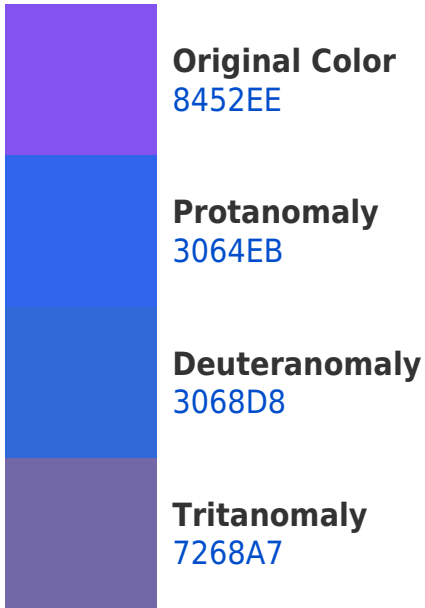
Dichromacy



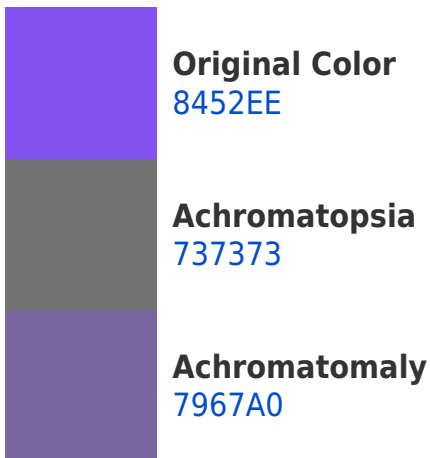


Tritanopia
68747E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8452EE 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 #8452EE looks like.

```
.text, #text, p{  
    color:#8452EE  
}
```

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 #8452EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8452EE
}
```

Border

The CSS property to change the border of an element to Hex 8452EE is called "border". The border property can be set on classes, ids or directly on the HTML element.

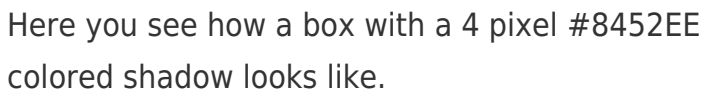
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8452EE }
```

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

```
.border{ border-color:#8452EE }
```

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



Here you see how a box with a 4 pixel #8452EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8452EE; -webkit-box-shadow:4px 4px  
4px 4px #8452EE; box-shadow:4px 4px 4px  
4px #8452EE }
```

Background

The CSS property to change the background color of an element to Hex 8452EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8452EE }
```

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

```
.background{ background-color:#8452EE }
```

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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