

Converting Colors

Hex(8476EA)

Have a look what the booklet for
Hex(8476EA) contains.

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Color

Hex(8476EA)

Conversions

Conversions Part 1

Format	Color
Hex	8476EA
RGB	132, 118, 234
RGB Percent	52%, 46%, 92%
CMY	0.4824, 0.5373, 0.0824
CMYK	0.44, 0.50, 0.00, 0.08
HSL	247°, 73%, 69%
HSV	247°, 50%, 92%
XYZ	30.8454, 23.8029, 80.8106
YIQ	135.4100, -28.8920, 39.0440

Conversions

Conversions Part 2

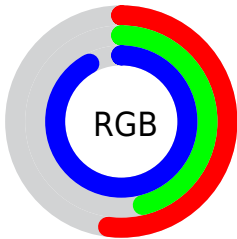
Format	Color
R_{YB}	132, 118, 234
Decimal	8681194
CIE _{Lab}	55.89, 33.73, -57.13
CIE _{LCh}	56, 66.344, 300.558
Yxy	23.8029, 0.2277, 0.1757
Android (android.graphics.Color)	4286871274 (0xFF8476EA)
YUV	135.4100, 48.6049, -2.9906
Hunter-Lab	48.7882, 27.4738, -64.0535

Details

The Hex color **8476EA** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **DCEA76**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **BEAFFF**, and **4A45B1** is the 20% darker color. If you saturate the color by 10%, you get **6F5FEA**, and if you desaturate by 10%, it is **998DEA**.

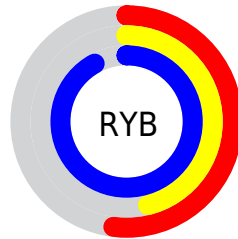
Distribution



Red (52%)

Green (46%)

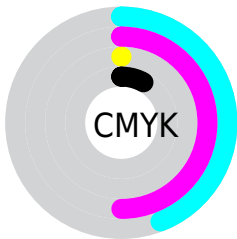
Blue (92%)



Red (52%)

Yellow (46%)

Blue (92%)

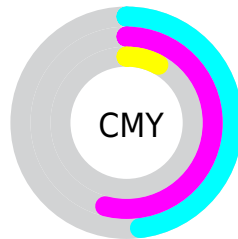


Cyan (44%)

Magenta (50%)

Yellow (0%)

Black (8%)



Cyan (48%)

Magenta (54%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8476EA 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 8476EA by changing the saturation by 10% instead.

 8476EA

 8476EA

FFFFFF

 675DCD

 BEAAFF

 4A45B1

 DBC6FF

 2A2F96

 F9E2FF

 00197C

 000562

 000049

 000432

 00011C

 000000

■ 8476EA

■ 8476EA

■ 6F5FEA

■ 998DEA

■ 5B47EA

■ ADA5EA

■ 4630EA

■ C2BCEA

■ 3218EA

■ D6D4EA

■ 1D01EA

■ EBEBEA

■ 1C00EA

■ FFFFEA

Harmonies

Analogous

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



008DFA



8476EA



CB5AC0

Triad

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



8476EA



CC6D1A



00A085

Complementary

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



8476EA



DCEA76

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.



009C4A



8476EA



A08400

Square

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



8476EA



E7534F



66930B



00A0BF

Rectangle

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



8476EA



E34B9B



66930B



009F71

Sweetspot

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



8476EA



DDD9FF



76DCEA



6B6980



000000



808080

Same Dimension

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



8476EA



7B69FF



BE76EA



6B6A75



1600B5



060036

Inverse Universe

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



EA76DC



FF69ED



A2EA76



756A74



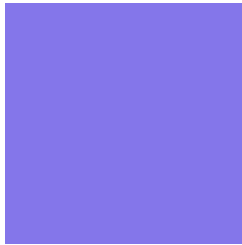
B5009F



36002F

Previews

White Background



This preview shows how the Hex color 8476EA looks on a white background.

Color Contrast Check

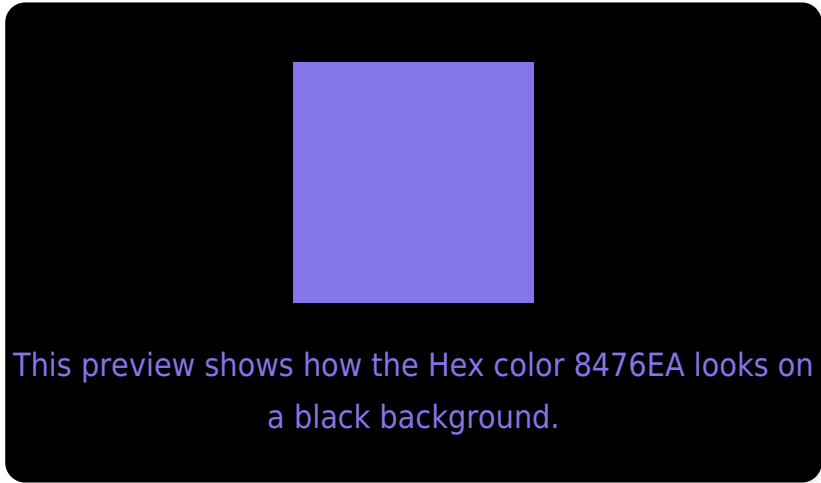
Large Text (above 18pt) WCAG AA ✓ Pass

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

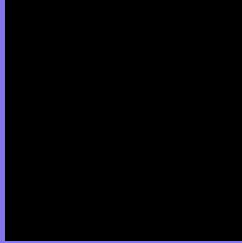
Any Text WCAG AA ✓ Pass

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 8476EA Background



This preview shows how black text looks on a background with the Hex color 8476EA.



This preview shows how white text looks on a background with the Hex color 8476EA.

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](#).

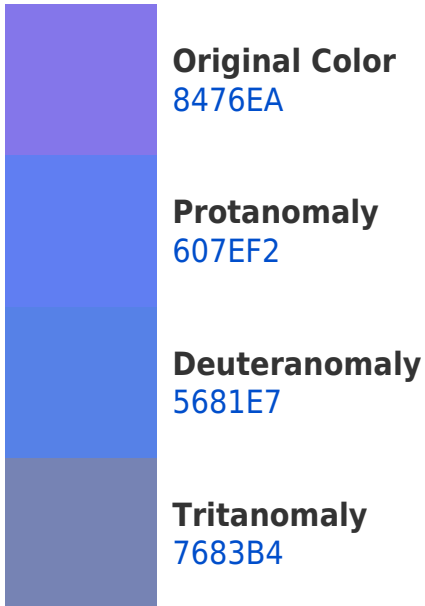
Dichromacy



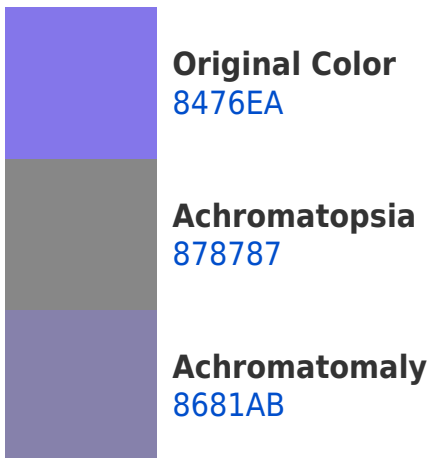


Tritanopia
6E8A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8476EA 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 #8476EA looks like.

```
.text, #text, p{  
    color:#8476EA  
}
```

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 #8476EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8476EA
}
```

Border

The CSS property to change the border of an element to Hex 8476EA is called "border". The border property can be set on classes, ids or directly on the HTML element.

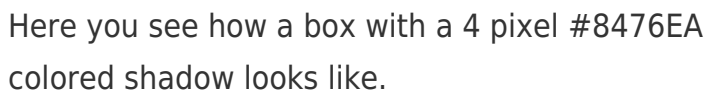
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8476EA }
```

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

```
.border{ border-color:#8476EA }
```

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



Here you see how a box with a 4 pixel #8476EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8476EA; -webkit-box-shadow:4px 4px  
4px 4px #8476EA; box-shadow:4px 4px 4px  
4px #8476EA }
```

Background

The CSS property to change the background color of an element to Hex 8476EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8476EA }
```

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

```
.background{ background-color:#8476EA }
```

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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