

Converting Colors

Hex(8A68EA)

Have a look what the booklet for
Hex(8A68EA) contains.

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Color

Hex(8A68EA)

Conversions

Conversions Part 1

Format	Color
Hex	8A68EA
RGB	138, 104, 234
RGB Percent	54%, 41%, 92%
CMY	0.4588, 0.5922, 0.0824
CMYK	0.41, 0.56, 0.00, 0.08
HSL	256°, 76%, 66%
HSV	256°, 56%, 92%
XYZ	30.2828, 21.2444, 80.3464
YIQ	128.9860, -21.4660, 47.6380

Conversions

Conversions Part 2

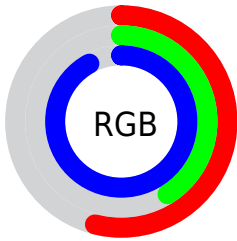
Format	Color
RYB	138, 104, 234
Decimal	9070826
CIELab	53.22, 43.15, -61.39
CIELCh	53, 75.043, 305.104
Yxy	21.2444, 0.2296, 0.1611
Android (android.graphics.Color)	4287260906 (0xFF8A68EA)
YUV	128.9860, 51.7719, 7.9053
Hunter-Lab	46.0917, 36.6164, -71.0894

Details

The Hex color **8A68EA** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **C8EA68**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **C49CFF**, and **5037B1** is the 20% darker color. If you saturate the color by 10%, you get **7951EA**, and if you desaturate by 10%, it is **9B7FEA**.

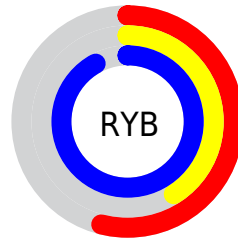
Distribution



Red (54%)

Green (41%)

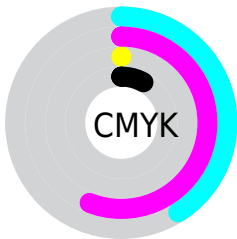
Blue (92%)



Red (54%)

Yellow (41%)

Blue (92%)

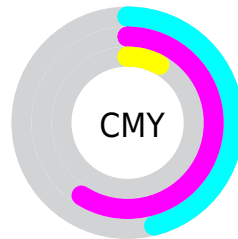


Cyan (41%)

Magenta (56%)

Yellow (0%)

Black (8%)



Cyan (46%)

Magenta (59%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A68EA 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 8A68EA by changing the saturation by 10% instead.

■ 8A68EA

■ 8A68EA

FFFFFF

■ 6D4FCD

■ C49CFF

■ 5037B1

■ E2B7FF

■ 312096

■ FFD3FF

■ 00077B

■ FFF0FF

■ 000062

■ 000049

■ 000431

■ 00011B

■ 000000

 8A68EA

 8A68EA

 7951EA

 9B7FEA

 6739EA

 AD97EA

 5622EA

 BEAEEA

 450AEA

 CFC6EA

 3D00EA

 E0DDEA

 F2F4EA

 FFFFEA

Harmonies

Analogous

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



0084FF



8A68EA



D343B7

Triad

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



8A68EA



C46700



009B89

Complementary

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



8A68EA



C8EA68

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.



009845



8A68EA



908000

Square

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



8A68EA



E64438



4B9000



009AC8

Rectangle

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



8A68EA



E92E8D



4B9000



009A72

Sweetspot

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



8A68EA



DFD4FF



68CAEA



6D6680



000000



808080

Same Dimension

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



8A68EA



8154FF



CA68EA



6D6A75



2F00B5



0E0036

Inverse Universe

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



EA68C8



FF54D2



88EA68



756A72



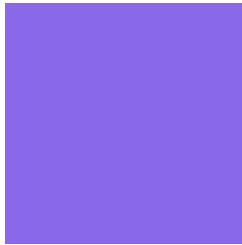
B50086



360028

Previews

White Background



This preview shows how the Hex color 8A68EA looks on a white background.

Color Contrast Check

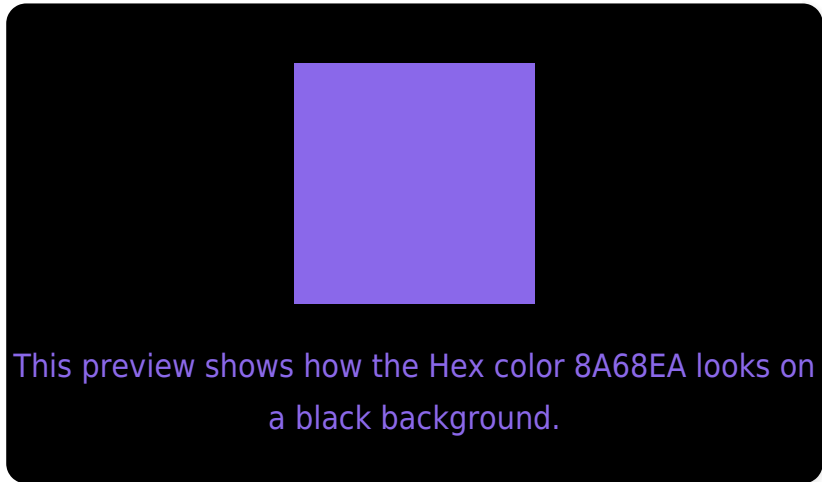
Large Text (above 18pt) WCAG AA ✓ Pass

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

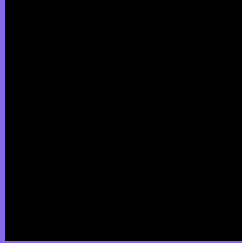
Any Text WCAG AA ✓ Pass

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 8A68EA Background



This preview shows how black text looks on a background with the Hex color 8A68EA.



This preview shows how white text looks on a background with the Hex color 8A68EA.

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
74818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8A68EA 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 #8A68EA looks like.

```
.text, #text, p{  
    color:#8A68EA  
}
```

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 #8A68EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A68EA
}
```

Border

The CSS property to change the border of an element to Hex 8A68EA is called "border". The border property can be set on classes, ids or directly on the HTML element.

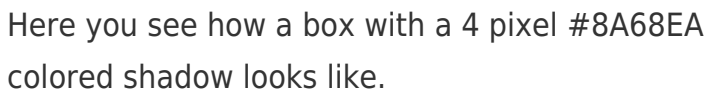
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A68EA }
```

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

```
.border{ border-color:#8A68EA }
```

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



Here you see how a box with a 4 pixel #8A68EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A68EA; -webkit-box-shadow:4px 4px  
4px 4px #8A68EA; box-shadow:4px 4px 4px  
4px #8A68EA }
```

Background

The CSS property to change the background color of an element to Hex 8A68EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A68EA }
```

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

```
.background{ background-color:#8A68EA }
```

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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