

Converting Colors

Hex(8A5FC6)

Have a look what the booklet for
Hex(8A5FC6) contains.

Hex(8A5FC6)	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(8A5FC6)

Conversions

Conversions Part 1

Format	Color
Hex	8A5FC6
RGB	138, 95, 198
RGB Percent	54%, 37%, 78%
CMY	0.4588, 0.6275, 0.2235
CMYK	0.30, 0.52, 0.00, 0.22
HSL	265°, 47%, 57%
HSV	265°, 52%, 78%
XYZ	24.7665, 17.6649, 55.5304
YIQ	119.5990, -7.4350, 41.1490

Conversions

Conversions Part 2

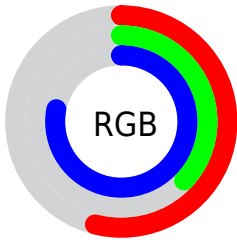
Format	Color
R_{YB}	138, 95, 198
Decimal	9068486
CIE _{Lab}	49.09, 38.81, -47.57
CIE _{LCh}	49, 61.395, 309.208
Yxy	17.6649, 0.2528, 0.1803
Android (android.graphics.Color)	4287258566 (0xFF8A5FC6)
YUV	119.5990, 38.6517, 16.1377
Hunter-Lab	42.0296, 31.6314, -48.9144

Details

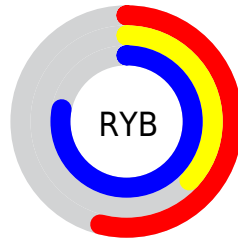
The Hex color **8A5FC6** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **9BC65F**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **C293FF**, and **542F8F** is the 20% darker color. If you saturate the color by 10%, you get **7E4BC6**, and if you desaturate by 10%, it is **9673C6**.

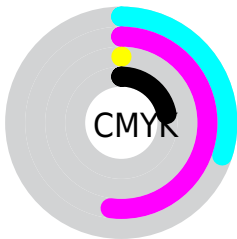
Distribution



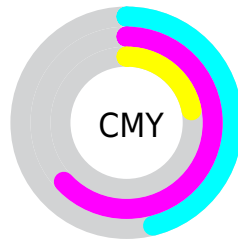
- Red (54%)
- Green (37%)
- Blue (78%)



- Red (54%)
- Yellow (37%)
- Blue (78%)



- Cyan (30%)
- Magenta (52%)
- Yellow (0%)
- Black (22%)



- Cyan (46%)
- Magenta (63%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A5FC6 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 8A5FC6 by changing the saturation by 10% instead.

■ 8A5FC6

■ 8A5FC6

FFFFFF

■ 6F46AA

■ C293FF

■ 542F8F

■ DFAEFF

■ 391775

■ FCC9FF

■ 1C005C

■ FFE6FF

■ 020044

■ 00032D

■ 000117

■ 000000

■ 8A5FC6

■ 8A5FC6

7E4BC6

9673C6

7337C6

A187C6

6724C6

AD9AC6

5C10C6

B8AEC6

5300C6

C4C2C6

CFD6C6

DBEAC6

E6FDC6

F2FFC6

Harmonies

Analogous

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



0076DC



8A5FC6



BE469B

Triad

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



8A5FC6



A96400



008C84

Complementary

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



8A5FC6



9BC65F

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.



008A4D



8A5FC6



7E7700

Square

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



8A5FC6



C74D35



448317



008BB5

Rectangle

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



8A5FC6



CE3C78



448317



008C72

Sweetspot

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



8A5FC6



E7D6FF



5F9BC6



716780



000000



808080

Same Dimension

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



8A5FC6



A361FF



BD5FC6



5E5A63



4400A3



0F0024

Inverse Universe

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



C65F9B



FF61BD



68C65F



635A5F



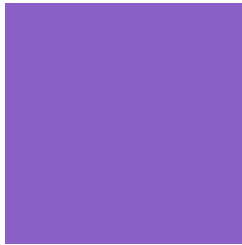
A3005F



240015

Previews

White Background



This preview shows how the Hex color 8A5FC6 looks on a white background.

Color Contrast Check

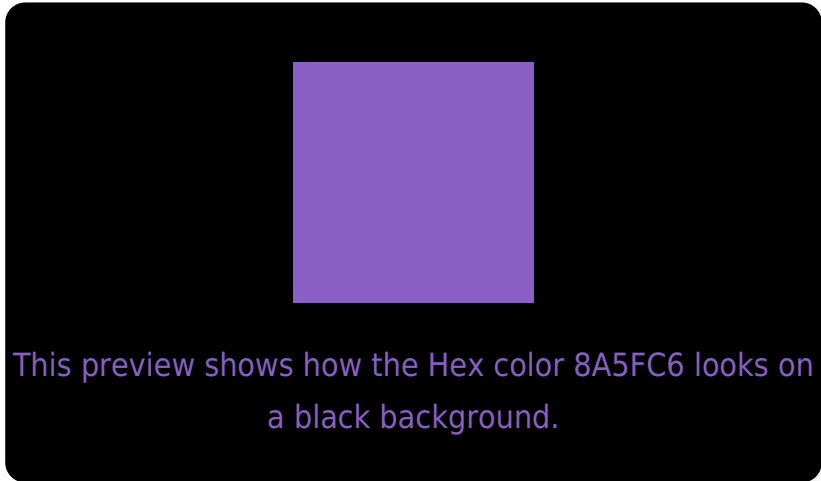
Large Text (above 18pt) WCAG AA ✓ Pass

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

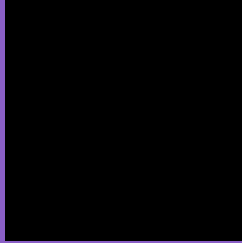
Any Text WCAG AA ✓ Pass

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 8A5FC6 Background



This preview shows how black text looks on a background with the Hex color 8A5FC6.

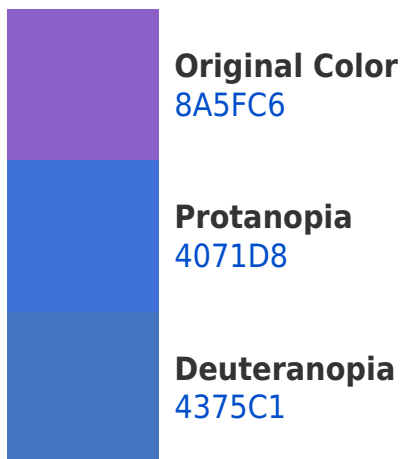


This preview shows how white text looks on a background with the Hex color 8A5FC6.

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](#).

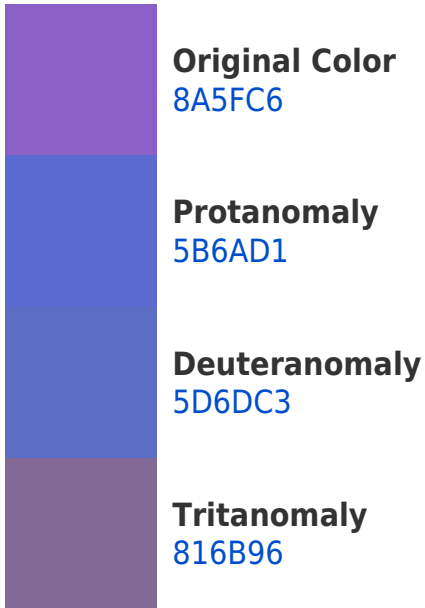
Dichromacy





Tritanopia
7C727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8A5FC6 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 #8A5FC6 looks like.

```
.text, #text, p{  
    color:#8A5FC6  
}
```

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 #8A5FC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A5FC6
}
```

Border

The CSS property to change the border of an element to Hex 8A5FC6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

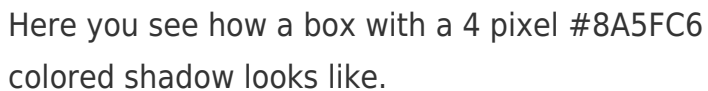
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A5FC6 }
```

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

```
.border{ border-color:#8A5FC6 }
```

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



Here you see how a box with a 4 pixel #8A5FC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A5FC6; -webkit-box-shadow:4px 4px  
4px 4px #8A5FC6; box-shadow:4px 4px 4px  
4px #8A5FC6 }
```

Background

The CSS property to change the background color of an element to Hex 8A5FC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A5FC6 }
```

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

```
.background{ background-color:#8A5FC6 }
```

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