

Converting Colors

Hex(8A5CA8)

Have a look what the booklet for
Hex(8A5CA8) contains.

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Color

Hex(8A5CA8)

Conversions

Conversions Part 1

Format	Color
Hex	8A5CA8
RGB	138, 92, 168
RGB Percent	54%, 36%, 66%
CMY	0.4588, 0.6392, 0.3412
CMYK	0.18, 0.45, 0.00, 0.34
HSL	276°, 30%, 51%
HSV	276°, 45%, 66%
XYZ	21.3763, 15.8847, 38.9852
YIQ	114.4180, 3.0200, 33.3880

Conversions

Conversions Part 2

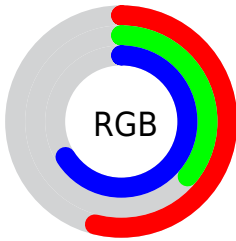
Format	Color
R _{YB}	138, 92, 168
Decimal	9067688
CIE _{Lab}	46.82, 33.28, -33.70
CIE _{LCh}	47, 47.363, 314.636
Yxy	15.8847, 0.2804, 0.2083
Android (android.graphics.Color)	4287257768 (0xFF8A5CA8)
YUV	114.4180, 26.4159, 20.6814
Hunter-Lab	39.8556, 25.9897, -30.0962

Details

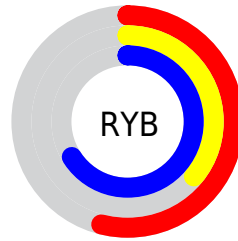
The Hex color **8A5CA8** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **7AA85C**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **C18FE0**, and **562C73** is the 20% darker color. If you saturate the color by 10%, you get **834BA8**, and if you desaturate by 10%, it is **916DA8**.

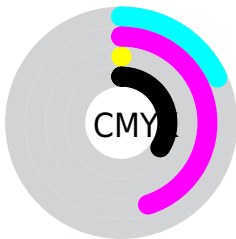
Distribution



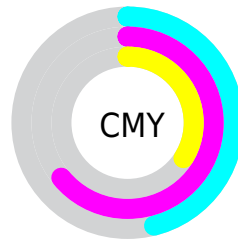
- Red (54%)
- Green (36%)
- Blue (66%)



- Red (54%)
- Yellow (36%)
- Blue (66%)



- Cyan (18%)
- Magenta (45%)
- Yellow (0%)
- Black (34%)



- Cyan (46%)
- Magenta (64%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A5CA8 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 8A5CA8 by changing the saturation by 10% instead.

■ 8A5CA8

■ 8A5CA8

FFFFFF

■ 70448D

■ C18FE0

■ 562C73

■ DDAAFC

■ 3D155B

■ FAC6FF

■ 250043

■ FFE2FF

■ 0C002C

■ 000116

■ 000000

■ 8A5CA8

■ 8A5CA8

■ 834BA8

■ 916DA8

 7D3AA8

 977EA8

 762AA8

 9E8EA8

 6F19A8

 A59FA8

 6908A8

 ABB0A8

 6600A8

 B2C1A8

 B8D2A8

 BFE2A8

 C6F3A8

Harmonies

Analogous

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



486DBC



8A5CA8



AD4D85

Triad

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



8A5CA8



95661D



008282

Complementary

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



8A5CA8



7AA85C

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.



008159



8A5CA8



71731A

Square

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



8A5CA8



AE5639



447C33



0080A6

Rectangle

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



8A5CA8



B7496A



447C33



008274

Sweetspot

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



8A5CA8



CFBDD8



5C7AA8



665B6E



EDEDED



6E6E6E

Same Dimension

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



8A5CA8



AD65DB



A85CA0



514C54



5A0094



0C0014

Inverse Universe

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



A85C7A



DB6594



5CA864



544C4F



94003A



140008

Previews

White Background



This preview shows how the Hex color 8A5CA8 looks on a white background.

Color Contrast Check

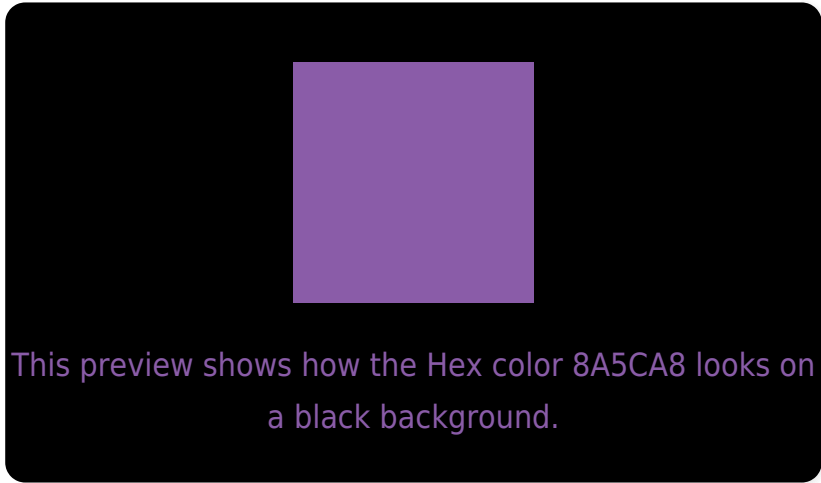
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A5CA8 Background



This preview shows how black text looks on a background with the Hex color 8A5CA8.

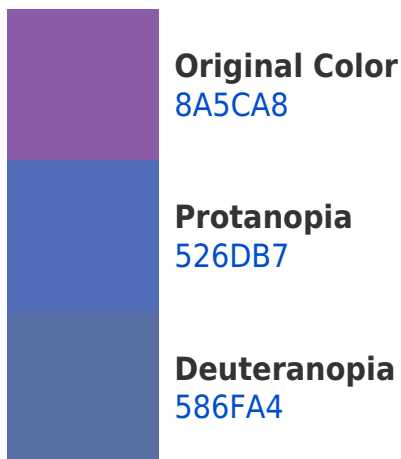



This preview shows how white text looks on a background with the Hex color 8A5CA8.

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
816971

Trichromacy



Original Color
8A5CA8

Protanomaly
6667B2

Deuteranomaly
6A68A5

Tritanomaly
846485

Monochromacy



Original Color
8A5CA8

Achromatopsia
727272

Achromatomaly
7B6A86

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A5CA8 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 #8A5CA8 looks like.

```
.text, #text, p{  
    color:#8A5CA8  
}
```

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 #8A5CA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A5CA8
}
```

Border

The CSS property to change the border of an element to Hex 8A5CA8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

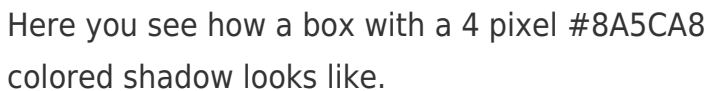
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A5CA8 }
```

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

```
.border{ border-color:#8A5CA8 }
```

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



Here you see how a box with a 4 pixel #8A5CA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A5CA8; -webkit-box-shadow:4px 4px  
4px 4px #8A5CA8; box-shadow:4px 4px 4px  
4px #8A5CA8 }
```

Background

The CSS property to change the background color of an element to Hex 8A5CA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A5CA8 }
```

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

```
.background{ background-color:#8A5CA8 }
```

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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