

# Converting Colors

Hex(A85F8F)

Have a look what the booklet for  
Hex(A85F8F) contains.

<b>Hex(A85F8F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(A85F8F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A85F8F
RGB	168, 95, 143
RGB Percent	66%, 37%, 56%
CMY	0.3412, 0.6275, 0.4392
CMYK	0.00, 0.43, 0.15, 0.34
HSL	321°, 30%, 52%
HSV	321°, 43%, 66%
XYZ	25.1986, 18.4924, 28.2279
YIQ	122.2990, 28.1000, 30.4040

# Conversions

## Conversions Part 2

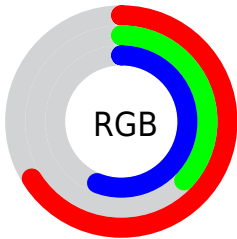
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	168, 95, 143
Decimal	11034511
CIE Lab	50.09, 36.34, -13.58
CIE LCh	50, 38.798, 339.508
Yxy	18.4924, 0.3504, 0.2571
Android (android.graphics.Color)	4289224591 (0xFFA85F8F)
YUV	122.2990, 10.2056, 40.0798
Hunter-Lab	43.0028, 29.3417, -8.8171

# Details

The Hex color **A85F8F** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5FA878**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **E193C5**, and **722D5D** is the 20% darker color. If you saturate the color by 10%, you get **A84E89**, and if you desaturate by 10%, it is **A87095**.

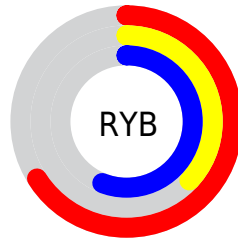
# Distribution



Red (66%)

Green (37%)

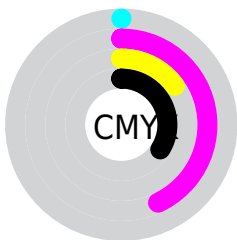
Blue (56%)



Red (66%)

Yellow (37%)

Blue (56%)

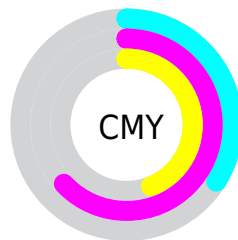


Cyan (0%)

Magenta (43%)

Yellow (15%)

Black (34%)



Cyan (34%)

Magenta (63%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A85F8F 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 A85F8F by changing the saturation by 10% instead.



 A85F8F

 A85F8F

FFFFFF

 8D4675

 E193C5

 722D5D

 FEAE1

 581445

 FFCAFD

 3F002F

 FFE7FF

 2B001A

 000000

 A85F8F

 A85F8F

 A84E89

 A87095

 A83D83

 A8819B

 A82D7E

 A891A0

 A81C78

 A8A2A6

 A80B72

 A8B3AC

 A8006E

 A8C4B2

 A8D5B7

 A8E5BD

 A8F6C3

# Harmonies

## Analogous

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



886AAA



A85F8F



B55B6E

# Triad

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



A85F8F



817934



0086A0

# Complementary

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



A85F8F



5FA878

# 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.



008881



A85F8F



5D8142

# Square

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



A85F8F



9D6D39



2C865F



0081B4

# Rectangle

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



A85F8F



B45F58



2C865F



008797



# Sweetspot

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



A85F8F



DBBFD2



775FA8



6E5C68



EDEDED



6E6E6E



# Same Dimension

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



A85F8F



DB69B4



A85F6B



544C51



940061



14000D



# Inverse Universe

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



A85F8F



DB69B4



5FA89C



544C51



940061

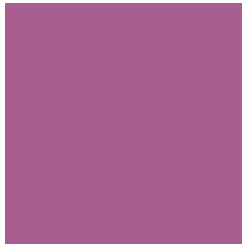


14000D



# Previews

## White Background



This preview shows how the Hex color A85F8F looks on a white background.

## Color Contrast Check

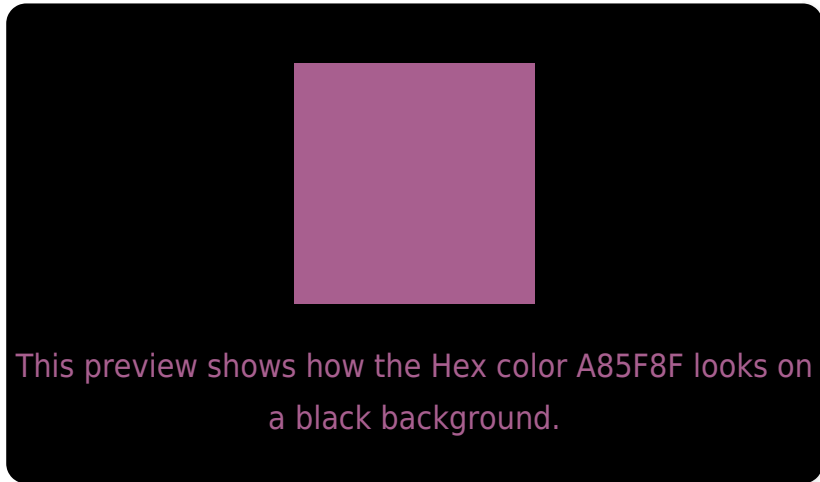
Large Text (above 18pt) WCAG AA ✓ Pass

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

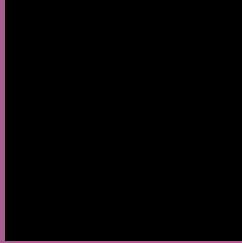
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A85F8F Background



This preview shows how black text looks on a background with the Hex color A85F8F.

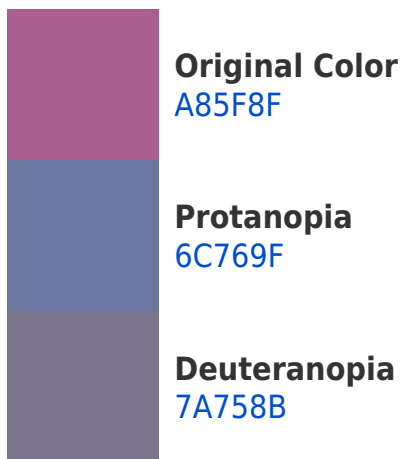



This preview shows how white text looks on a background with the Hex color A85F8F.

# 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](#).

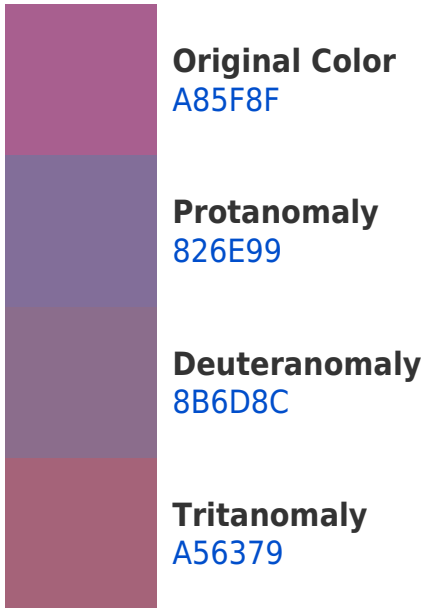
## Dichromacy





**Tritanopia**  
A4666D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A85F8F 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 #A85F8F looks like.

```
.text, #text, p{  
    color:#A85F8F  
}
```

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 #A85F8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A85F8F
}
```

## Border

The CSS property to change the border of an element to Hex A85F8F is called "border". The border property can be set on classes, ids or directly on the HTML element.

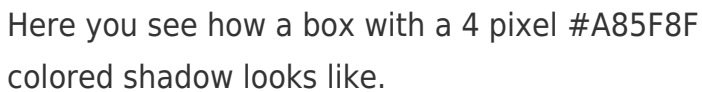
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A85F8F }
```

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

```
.border{ border-color:#A85F8F }
```

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



Here you see how a box with a 4 pixel #A85F8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A85F8F; -webkit-box-shadow:4px 4px  
4px 4px #A85F8F; box-shadow:4px 4px 4px  
4px #A85F8F }
```

# Background

The CSS property to change the background color of an element to Hex A85F8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A85F8F }
```

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

```
.background{ background-color:#A85F8F }
```

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