

Converting Colors

Hex(A85FAB)

Have a look what the booklet for
Hex(A85FAB) contains.

Hex(A85FAB)	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(A85FAB)

Conversions

Conversions Part 1

Format	Color
Hex	A85FAB
RGB	168, 95, 171
RGB Percent	66%, 37%, 67%
CMY	0.3412, 0.6275, 0.3294
CMYK	0.02, 0.44, 0.00, 0.33
HSL	298°, 31%, 52%
HSV	298°, 44%, 67%
XYZ	27.5913, 19.4495, 40.8280
YIQ	125.4910, 19.1120, 39.1120

Conversions

Conversions Part 2

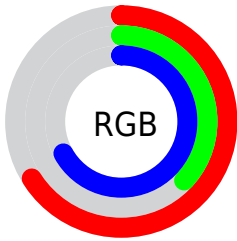
Format	Color
RYB	168, 95, 171
Decimal	11034539
CIELab	51.21, 41.37, -28.34
CIElCh	51, 50.150, 325.585
Yxy	19.4495, 0.3140, 0.2213
Android (android.graphics.Color)	4289224619 (0xFFA85FAB)
YUV	125.4910, 22.4359, 37.2804
Hunter-Lab	44.1016, 34.4973, -24.0178

Details

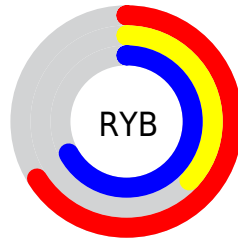
The Hex color **A85FAB** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **62AB5F**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **E194E3**, and **722D76** is the 20% darker color. If you saturate the color by 10%, you get **A74EAB**, and if you desaturate by 10%, it is **A970AB**.

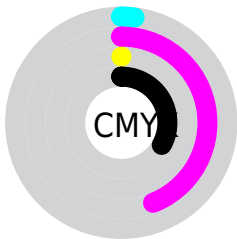
Distribution



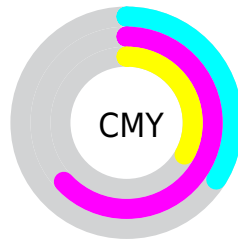
- Red (66%)
- Green (37%)
- Blue (67%)



- Red (66%)
- Yellow (37%)
- Blue (67%)



- Cyan (2%)
- Magenta (44%)
- Yellow (0%)
- Black (33%)



- Cyan (34%)
- Magenta (63%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color A85FAB 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 A85FAB by changing the saturation by 10% instead.

 A85FAB

 A85FAB

FFFFFF

 8D4690

 E194E3

 722D76

 FEAFFF

 58125D

 FFCBFF

 3F0045

 FFE7FF

 2A002F

 000019

 000000

 A85FAB

 A85FAB

 A74EAB

 A970AB

 A73DAB

 A981AB

 A62CAB

 AA92AB

 A51BAB

 ABA3AB

 A50AAB

 ABB4AB

 A400AB

 ACC6AB

 ADD7AB

 ADE8AB

 AEF9AB

Harmonies

Analogous

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



7071C8



A85FAB



C45382

Triad

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



A85FAB



96761D



008E9E

Complementary

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



A85FAB



62AB5F

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.



008E72



A85FAB



6D8226

Square

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



A85FAB



B66533



338A47



008AC0

Rectangle

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



A85FAB



C85365



338A47



008F90

Sweetspot

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



A85FAB



DDC1DE



5F63AB



6F5E70



F0F0F0



707070

Same Dimension

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



A85FAB



D968DE



AB5F89



564E57



910096



160017

Inverse Universe

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



AB5F62



DE686D



5FAB81



574E4E



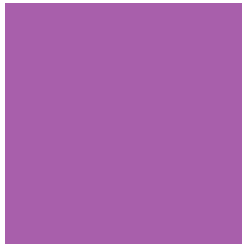
960006



170001

Previews

White Background



This preview shows how the Hex color A85FAB looks on a white background.

Color Contrast Check

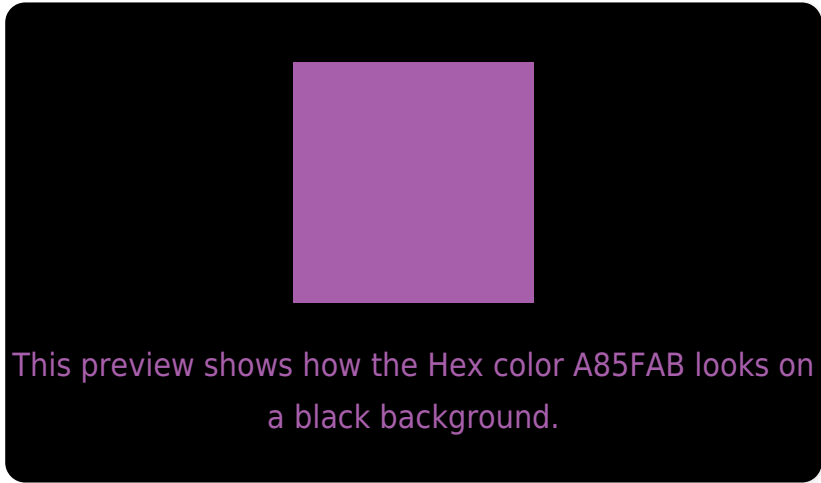
Large Text (above 18pt) WCAG AA ✓ Pass

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

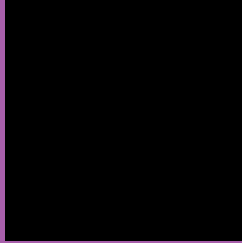
Any Text WCAG AA ✓ Pass

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 A85FAB Background



This preview shows how black text looks on a background with the Hex color A85FAB.

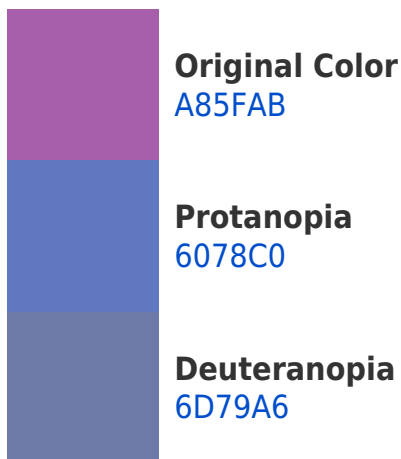



This preview shows how white text looks on a background with the Hex color A85FAB.

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



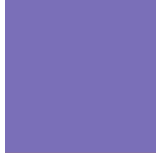


Tritanopia
A16C74

Trichromacy



Original Color
A85FAB



Protanomaly
7A6FB8



Deuteranomaly
8270A8



Tritanomaly
A46788

Monochromacy



Original Color
A85FAB



Achromatopsia
7D7D7D



Achromatomaly
8D728E

CSS Examples

Text

The CSS property to change the color of the text to Hex A85FAB 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 #A85FAB looks like.

```
.text, #text, p{  
    color:#A85FAB  
}
```

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 #A85FAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A85FAB
}
```

Border

The CSS property to change the border of an element to Hex A85FAB is called "border". The border property can be set on classes, ids or directly on the HTML element.

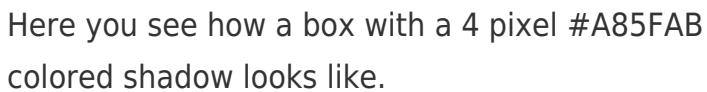
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A85FAB }
```

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

```
.border{ border-color:#A85FAB }
```

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



Here you see how a box with a 4 pixel #A85FAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A85FAB; -webkit-box-shadow:4px 4px  
4px 4px #A85FAB; box-shadow:4px 4px 4px  
4px #A85FAB }
```

Background

The CSS property to change the background color of an element to Hex A85FAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A85FAB }
```

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

```
.background{ background-color:#A85FAB }
```

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