

# Converting Colors

Hex(A85BFF)

Have a look what the booklet for  
Hex(A85BFF) contains.

<b>Hex(A85BFF)</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(A85BFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A85BFF
RGB	168, 91, 255
RGB Percent	66%, 36%, 100%
CMY	0.3412, 0.6431, 0.0000
CMYK	0.34, 0.64, 0.00, 0.00
HSL	268°, 100%, 68%
HSV	268°, 64%, 100%
XYZ	37.9395, 23.0270, 97.0528
YIQ	132.7190, -6.7520, 67.3280

# Conversions

## Conversions Part 2

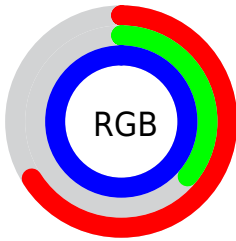
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 91, 255
Decimal	11033599
CIE <sub>Lab</sub>	55.10, 61.68, -69.89
CIE <sub>LCh</sub>	55, 93.216, 311.429
Yxy	23.0270, 0.2401, 0.1457
Android (android.graphics.Color)	4289223679 (0xFFA85BFF)
YUV	132.7190, 60.2845, 30.9414
Hunter-Lab	47.9865, 57.1512, -86.3237

# Details

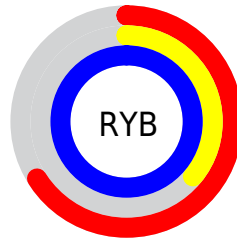
The Hex color **A85BFF** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **B2FF5B**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **E491FF**, and **6D24C5** is the 20% darker color. If you saturate the color by 10%, you get **9A42FF**, and if you desaturate by 10%, it is **B675FF**.

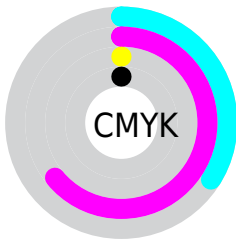
# Distribution



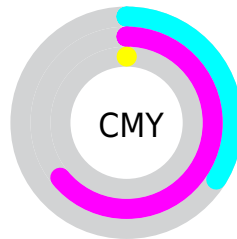
- Red (66%)
- Green (36%)
- Blue (100%)



- Red (66%)
- Yellow (36%)
- Blue (100%)



- Cyan (34%)
- Magenta (64%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (64%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A85BFF 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 A85BFF by changing the saturation by 10% instead.



 A85BFF

 A85BFF

FFFFFF

 8B40E2

 E491FF

 6D24C5

 FFADFF

 4F00A9

 FFC9FF

 2E008E

 FFE6FF

 000073

 00005A

 000741

 00032A

 000114

 A85BFF

 A85BFF

 9A42FF

 B675FF

 8D28FF

 C38EFF

 7F0FFF

 D1A8FF

 7800FF

 DEC1FF

 ECDBFF

 F9F4FF

FFFFFF

# Harmonies

## Analogous

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



0085FF



A85BFF



F600B9

# Triad

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



A85BFF



C86D00



00A5A2

# Complementary

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



A85BFF



B2FF5B

# 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.



00A24C



A85BFF



858A00

# Square

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



A85BFF



F93916



009A00



00A4EE

# Rectangle

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



A85BFF



FF0084



009A00



00A486



# Sweetspot

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



A85BFF



E5CFFF



5BB2FF



706280



000000



808080



# Same Dimension

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



A85BFF



973BFF



FA5BFF



797380



5A00BF



1E0040



# Inverse Universe

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



FF5BB2



FF3BA3



60FF5B



80737A



BF0065

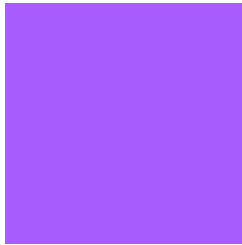


400022



# Previews

## White Background



This preview shows how the Hex color A85BFF looks on a white background.

## Color Contrast Check

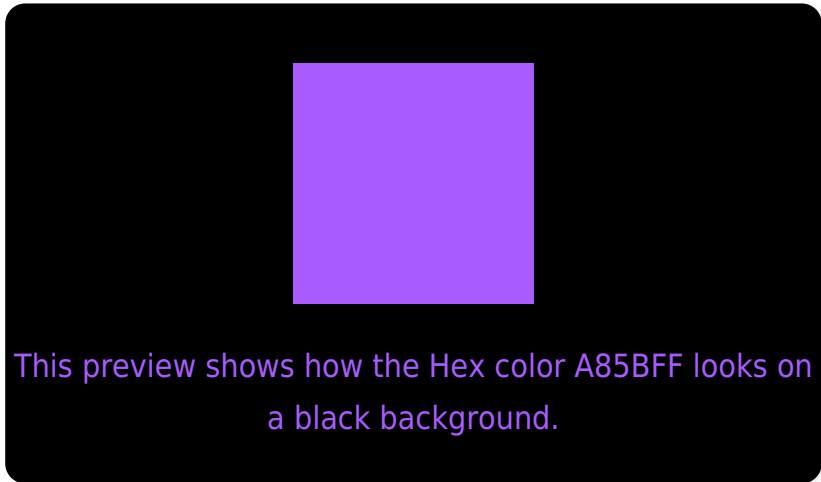
Large Text (above 18pt) WCAG AA ✓ Pass

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

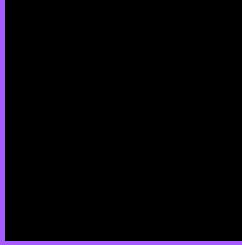
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A85BFF Background



This preview shows how black text looks on a background with the Hex color A85BFF.

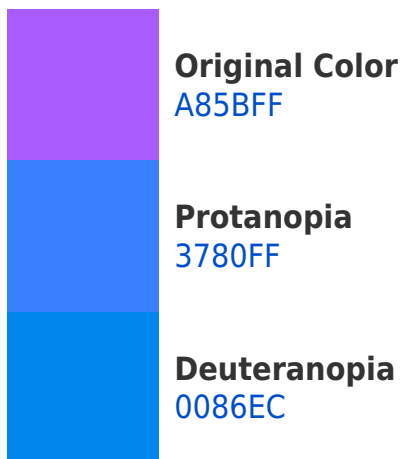


This preview shows how white text looks on a background with the Hex color A85BFF.

# 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**  
917F89

# Trichromacy



**Original Color**  
A85BFF



**Protanomaly**  
6073FF



**Deuteranomaly**  
3D76F3



**Tritanomaly**  
9972B4

# Monochromacy



**Original Color**  
A85BFF



**Achromatopsia**  
858585



**Achromatomaly**  
9276B1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A85BFF 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 #A85BFF looks like.

```
.text, #text, p{  
    color:#A85BFF  
}
```

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 #A85BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A85BFF
}
```

## Border

The CSS property to change the border of an element to Hex A85BFF 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
#A85BFF }
```

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

```
.border{ border-color:#A85BFF }
```

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

Here you see how a box with a 4 pixel #A85BFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A85BFF; -webkit-box-shadow:4px 4px  
4px 4px #A85BFF; box-shadow:4px 4px 4px  
4px #A85BFF }
```

# Background

The CSS property to change the background color of an element to Hex A85BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A85BFF }
```

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

```
.background{ background-color:#A85BFF }
```

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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