

Converting Colors

Hex(AB83F5)

Have a look what the booklet for
Hex(AB83F5) contains.

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Color

Hex(**AB83F5**)

Conversions

Conversions Part 1

Format	Color
Hex	AB83F5
RGB	171, 131, 245
RGB Percent	67%, 51%, 96%
CMY	0.3294, 0.4863, 0.0392
CMYK	0.30, 0.47, 0.00, 0.04
HSL	261°, 85%, 74%
HSV	261°, 47%, 96%
XYZ	41.3923, 31.4831, 90.2814
YIQ	155.9560, -12.7540, 43.9340

Conversions

Conversions Part 2

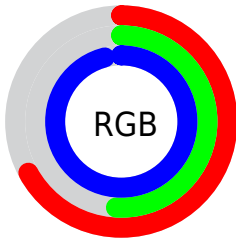
Format	Color
RYB	171, 131, 245
Decimal	11240437
CIELab	62.91, 38.85, -51.84
CIElCh	63, 64.777, 306.850
Yxy	31.4831, 0.2537, 0.1930
Android (android.graphics.Color)	4289430517 (0xFFAB83F5)
YUV	155.9560, 43.8987, 13.1936
Hunter-Lab	56.1098, 33.4877, -56.1216

Details

The Hex color **AB83F5** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **CDF583**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **E5B9FF**, and **7350BC** is the 20% darker color. If you saturate the color by 10%, you get **9B6AF5**, and if you desaturate by 10%, it is **BB9BF5**.

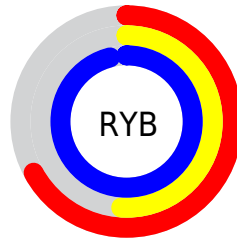
Distribution



Red (67%)

Green (51%)

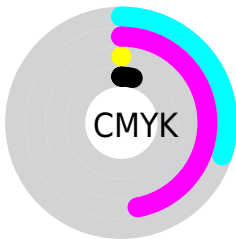
Blue (96%)



Red (67%)

Yellow (51%)

Blue (96%)

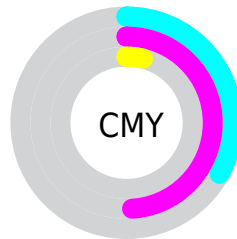


Cyan (30%)

Magenta (47%)

Yellow (0%)

Black (4%)



Cyan (33%)

Magenta (49%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB83F5 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 AB83F5 by changing the saturation by 10% instead.

 AB83F5

 AB83F5

FFFFFF

 8F69D8

 E5B9FF

 7350BC

 FFD5FF

 5838A1

 FFF1FF

 3C2186

 1D096C

 000053

 00003B

 000224

 00000C

 AB83F5

 AB83F5

 9B6AF5

 BB9BF5

 8B52F5

 CBB4F5

 7B39F5

 DBCCF5

 6B21F5

 EBE5F5

 5B08F5

 FBFEF5

 5600F5

 FFFFF5

Harmonies

Analogous

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



159BFF



AB83F5



E86AC7

Triad

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



AB83F5



D88528



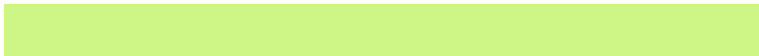
00B3A4

Complementary

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



AB83F5



CDF583

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.



00B068



AB83F5



A99A0E

Square

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



AB83F5



F86D56



6CA833



00B2DC

Rectangle

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



AB83F5



FB60A1



6CA833



00B390

Sweetspot

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



AB83F5



E8DBFF



83CDF5



716A80



000000



808080

Same Dimension

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



AB83F5



A270FF



E483F5



726E7A



4100BA



15003B

Inverse Universe

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



F583CD



FF70CD



94F583



7A6E76



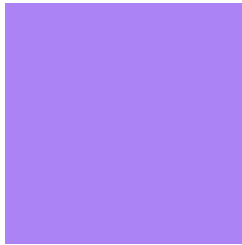
BA0079



3B0026

Previews

White Background



This preview shows how the Hex color AB83F5 looks on a white background.

Color Contrast Check

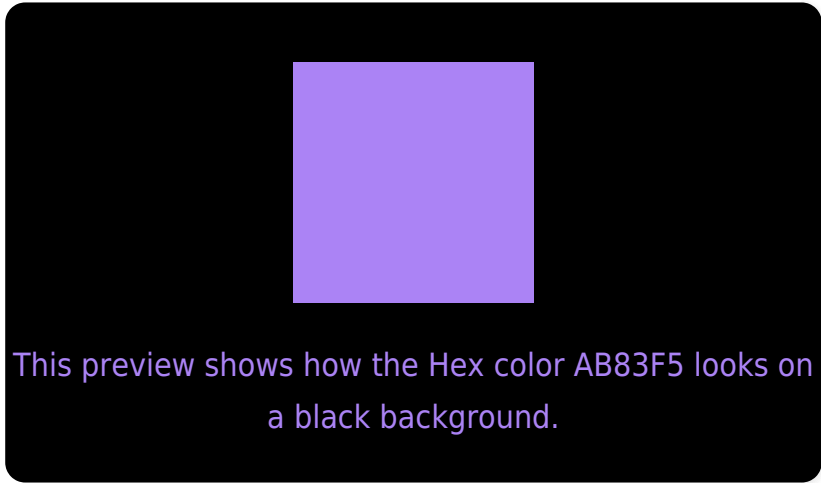
Large Text (above 18pt) WCAG AA × Fail

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

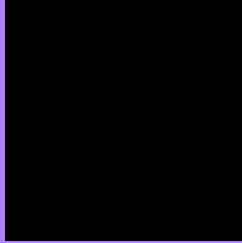
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex AB83F5 Background



This preview shows how black text looks on a background with the Hex color AB83F5.

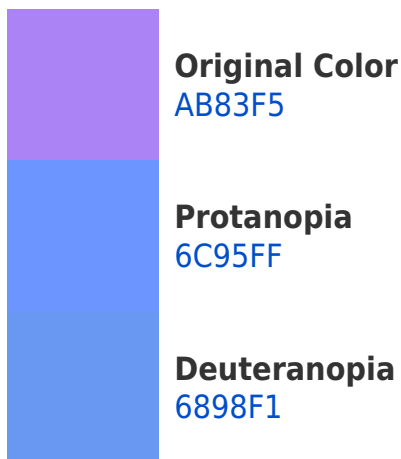



This preview shows how white text looks on a background with the Hex color AB83F5.

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](#).

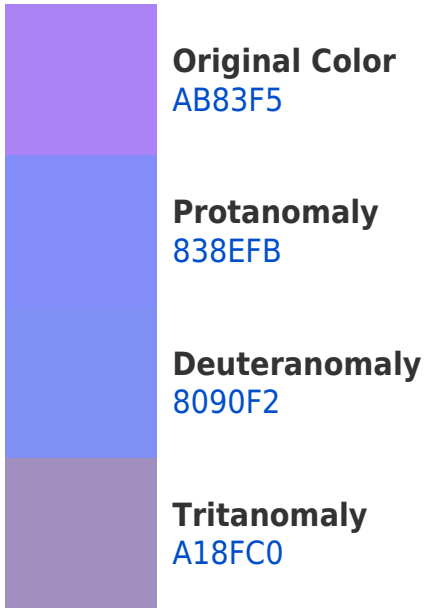
Dichromacy



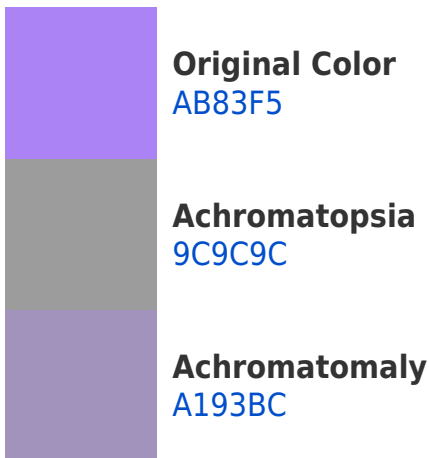


Tritanopia
9B96A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB83F5 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 #AB83F5 looks like.

```
.text, #text, p{  
    color:#AB83F5  
}
```

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 #AB83F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB83F5
}
```

Border

The CSS property to change the border of an element to Hex AB83F5 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
#AB83F5 }
```

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

```
.border{ border-color:#AB83F5 }
```

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

Here you see how a box with a 4 pixel #AB83F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB83F5; -webkit-box-shadow:4px 4px  
4px 4px #AB83F5; box-shadow:4px 4px 4px  
4px #AB83F5 }
```

Background

The CSS property to change the background color of an element to Hex AB83F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB83F5 }
```

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

```
.background{ background-color:#AB83F5 }
```

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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