

Converting Colors

Hex(AC83DB)

Have a look what the booklet for
Hex(AC83DB) contains.

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Color

Hex(AC83DB)

Conversions

Conversions Part 1

Format	Color
Hex	AC83DB
RGB	172, 131, 219
RGB Percent	67%, 51%, 86%
CMY	0.3255, 0.4863, 0.1412
CMYK	0.21, 0.40, 0.00, 0.14
HSL	268°, 55%, 69%
HSV	268°, 40%, 86%
XYZ	37.9157, 30.1177, 70.8328
YIQ	153.2910, -3.8120, 36.0600

Conversions

Conversions Part 2

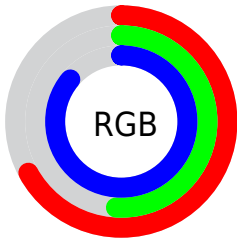
Format	Color
RYB	172, 131, 219
Decimal	11305947
CIELab	61.76, 32.92, -39.23
CIElCh	62, 51.213, 309.995
Yxy	30.1177, 0.2730, 0.2169
Android (android.graphics.Color)	4289496027 (0xFFAC83DB)
YUV	153.2910, 32.3945, 16.4078
Hunter-Lab	54.8796, 27.2844, -38.1095

Details

The Hex color **AC83DB** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B2DB83**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **E5B9FF**, and **7651A4** is the 20% darker color. If you saturate the color by 10%, you get **A06DDB**, and if you desaturate by 10%, it is **B899DB**.

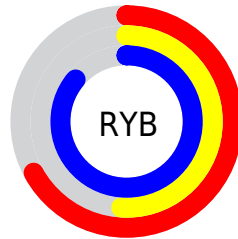
Distribution



Red (67%)

Green (51%)

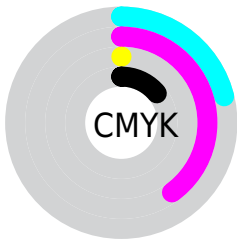
Blue (86%)



Red (67%)

Yellow (51%)

Blue (86%)

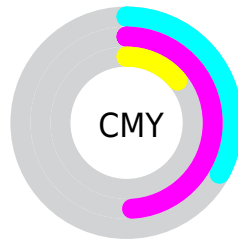


Cyan (21%)

Magenta (40%)

Yellow (0%)

Black (14%)



Cyan (33%)

Magenta (49%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC83DB 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 AC83DB by changing the saturation by 10% instead.

 AC83DB

 AC83DB

FFFFFF

 9169BF

 E5B9FF

 7651A4

 FFD4FF

 5C3989

 FFF1FF

 42226F

 280B56

 12003F

 000328

 000111

 000000

AC83DB

AC83DB

A06DDB

B899DB

9557DB

C3AFDB

8941DB

CFC5DB

7D2BDB

DBDBDB

7215DB

E6F1DB

6600DB

F2FFDB

FEFFDB

FFFFDB

Harmonies

Analogous

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



5F95EF



AC83DB



D872B5

Triad

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



AC83DB



C8883E



00ACA3

Complementary

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



AC83DB



B2DB83

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.



1DAA75



AC83DB



A09836

Square

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



AC83DB



E2775D



6FA34C



00AACE

Rectangle

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



AC83DB



E66D97



6FA34C



00AC94

Sweetspot

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



AC83DB



EFE0FF



83B3DB



766E80



000000



808080

Same Dimension

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



AC83DB



BE85FF



D783DB



68636E



5100AD



15002E

Inverse Universe

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



DB83B2



FF85C6



87DB83



6E6369



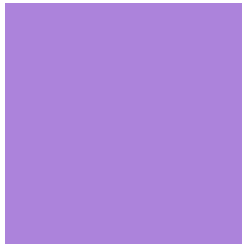
AD005D



2E0019

Previews

White Background



This preview shows how the Hex color AC83DB looks on a white background.

Color Contrast Check

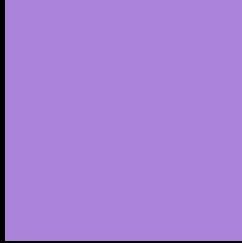
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color AC83DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

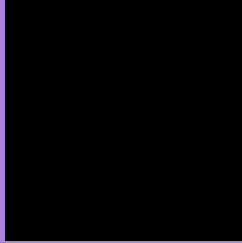
Any Text WCAG AA ✓ Pass

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 AC83DB Background



This preview shows how black text looks on a background with the Hex color AC83DB.

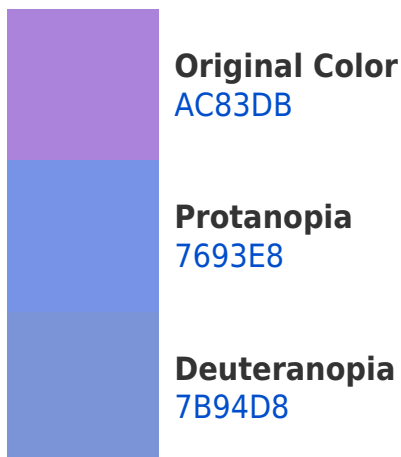


This preview shows how white text looks on a background with the Hex color AC83DB.

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](#).

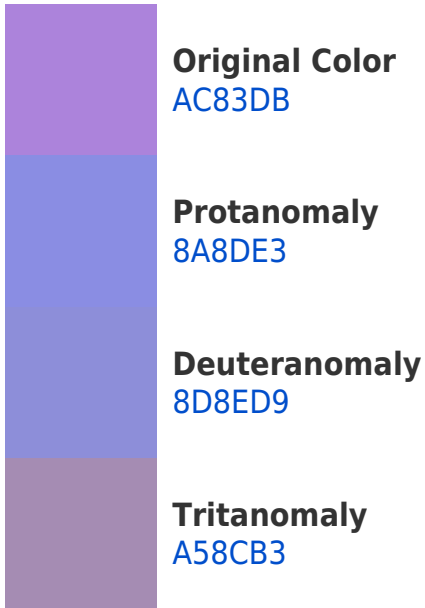
Dichromacy



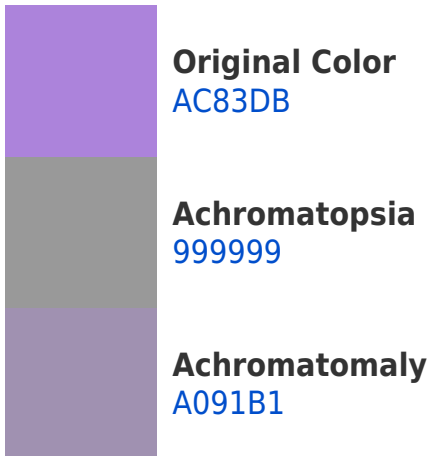


Tritanopia
A1919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC83DB 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 #AC83DB looks like.

```
.text, #text, p{  
    color:#AC83DB  
}
```

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 #AC83DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC83DB
}
```

Border

The CSS property to change the border of an element to Hex AC83DB is called "border". The border property can be set on classes, ids or directly on the HTML element.

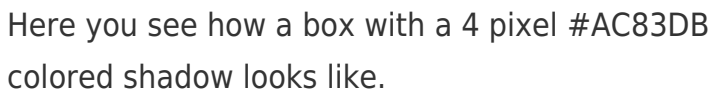
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AC83DB }
```

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

```
.border{ border-color:#AC83DB }
```

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



Here you see how a box with a 4 pixel `#AC83DB` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC83DB; -webkit-box-shadow:4px 4px  
4px 4px #AC83DB; box-shadow:4px 4px 4px  
4px #AC83DB }
```

Background

The CSS property to change the background color of an element to Hex AC83DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC83DB }
```

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

```
.background{ background-color:#AC83DB }
```

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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