

Converting Colors

Hex(AC81DB)

Have a look what the booklet for
Hex(AC81DB) contains.

Hex(AC81DB)	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(AC81DB)

Conversions

Conversions Part 1

Format	Color
Hex	AC81DB
RGB	172, 129, 219
RGB Percent	67%, 51%, 86%
CMY	0.3255, 0.4941, 0.1412
CMYK	0.21, 0.41, 0.00, 0.14
HSL	269°, 56%, 68%
HSV	269°, 41%, 86%
XYZ	37.6497, 29.5856, 70.7441
YIQ	152.1170, -3.2620, 37.1060

Conversions

Conversions Part 2

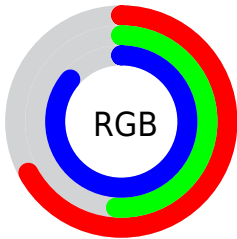
Format	Color
RYB	172, 129, 219
Decimal	11305435
CIELab	61.30, 34.04, -39.96
CIELCh	61, 52.489, 310.428
Yxy	29.5856, 0.2729, 0.2144
Android (android.graphics.Color)	4289495515 (0xFFAC81DB)
YUV	152.1170, 32.9733, 17.4374
Hunter-Lab	54.3927, 28.3675, -39.0387

Details

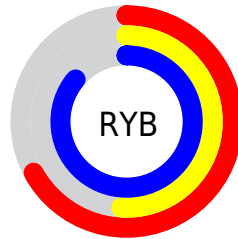
The Hex color **AC81DB** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B0DB81**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **E5B7FF**, and **764FA4** is the 20% darker color. If you saturate the color by 10%, you get **A16BDB**, and if you desaturate by 10%, it is **B797DB**.

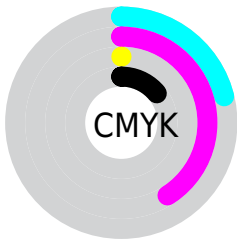
Distribution



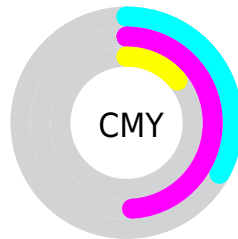
- Red (67%)
- Green (51%)
- Blue (86%)



- Red (67%)
- Yellow (51%)
- Blue (86%)



- Cyan (21%)
- Magenta (41%)
- Yellow (0%)
- Black (14%)



- Cyan (33%)
- Magenta (49%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC81DB 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 AC81DB by changing the saturation by 10% instead.

 AC81DB

 AC81DB

FFFFFF

 9167BF

 E5B7FF

 764FA4

 FFD2FF

 5C3789

 FFEFFF

 42206F

 280856

 13003F

 000328

 000111

 000000

■ AC81DB

■ AC81DB

■ A16BDB

■ B797DB

■ 9555DB

■ C3ADDB

■ 8A3FDB

■ CEC3DB

■ 7E29DB

■ DAD9DB

■ 7314DB

■ E5EFDB

■ 6900DB

■ F1FFDB

■ FCFFDB

■ FFFFDB

Harmonies

Analogous

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



5C94EF



AC81DB



D970B4

Triad

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



AC81DB



C7873A



00ABA3

Complementary

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



AC81DB



B0DB81

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.



09A973



AC81DB



9E9732

Square

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



AC81DB



E2755A



6CA24A



00A9CF

Rectangle

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



AC81DB



E76B95



6CA24A



00AB93

Sweetspot

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



AC81DB



EFE0FF



81B1DB



766E80



000000



808080

Same Dimension

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



AC81DB



BE82FF



D881DB



68636E



5300AD



16002E

Inverse Universe

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



DB81B0



FF82C3



84DB81



6E6368



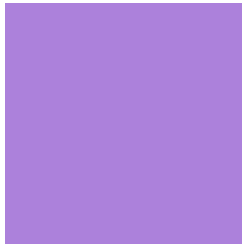
AD005B



2E0018

Previews

White Background



This preview shows how the Hex color AC81DB looks on a white background.

Color Contrast Check

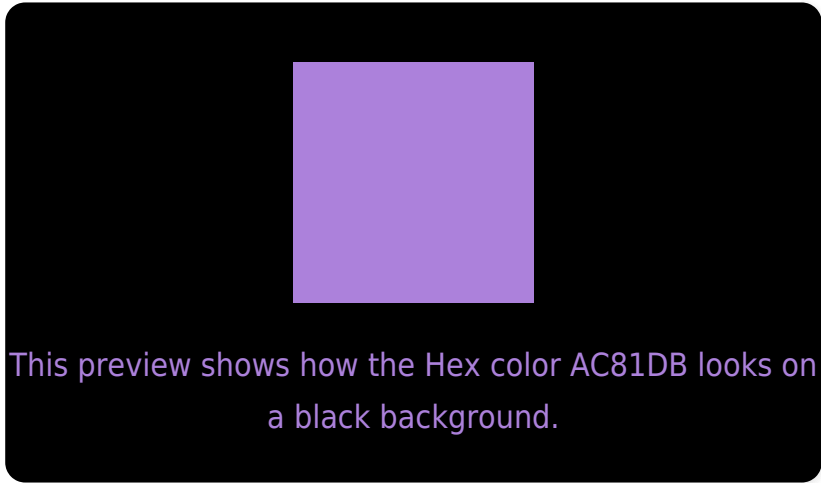
Large Text (above 18pt) WCAG AA ✓ Pass

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

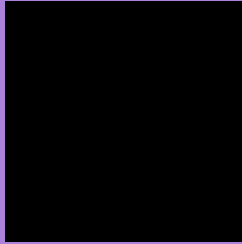
Any Text WCAG AA ✓ Pass

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 AC81DB Background



This preview shows how black text looks on a background with the Hex color AC81DB.

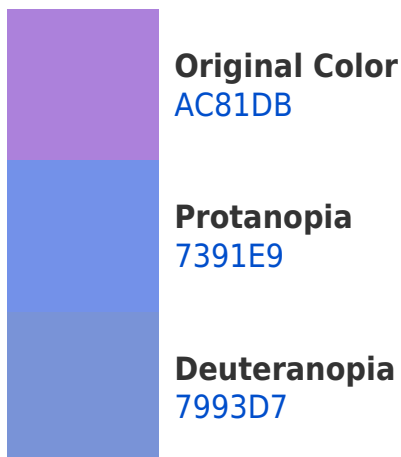


This preview shows how white text looks on a background with the Hex color AC81DB.

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](#).

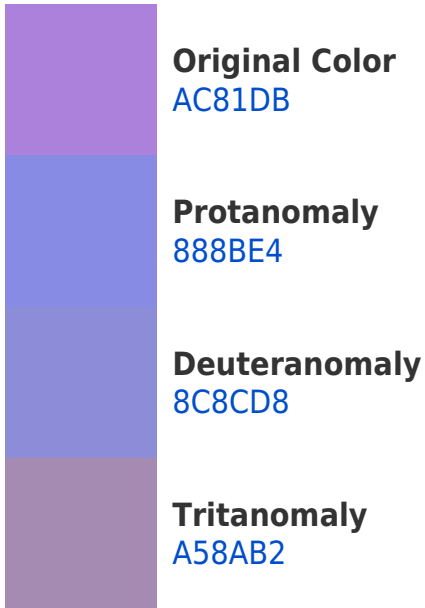
Dichromacy



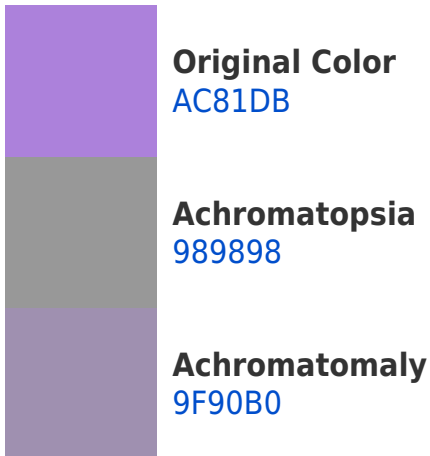


Tritanopia
A18F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC81DB 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 #AC81DB looks like.

```
.text, #text, p{  
    color:#AC81DB  
}
```

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 #AC81DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC81DB
}
```

Border

The CSS property to change the border of an element to Hex AC81DB 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
#AC81DB }
```

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

```
.border{ border-color:#AC81DB }
```

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

Here you see how a box with a 4 pixel #AC81DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC81DB; -webkit-box-shadow:4px 4px  
4px 4px #AC81DB; box-shadow:4px 4px 4px  
4px #AC81DB }
```

Background

The CSS property to change the background color of an element to Hex AC81DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC81DB }
```

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

```
.background{ background-color:#AC81DB }
```

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