

Converting Colors

Hex(AB74E3)

Have a look what the booklet for
Hex(AB74E3) contains.

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Color

Hex(**AB74E3**)

Conversions

Conversions Part 1

Format	Color
Hex	AB74E3
RGB	171, 116, 227
RGB Percent	67%, 45%, 89%
CMY	0.3294, 0.5451, 0.1098
CMYK	0.25, 0.49, 0.00, 0.11
HSL	270°, 66%, 67%
HSV	270°, 49%, 89%
XYZ	36.9051, 26.6948, 75.8805
YIQ	145.0990, -2.8510, 46.1810

Conversions

Conversions Part 2

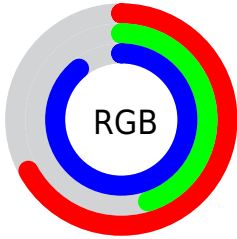
Format	Color
RYB	171, 116, 227
Decimal	11236579
CIELab	58.69, 42.83, -48.54
CIElCh	59, 64.734, 311.422
Yxy	26.6948, 0.2646, 0.1914
Android (android.graphics.Color)	4289426659 (0xFFAB74E3)
YUV	145.0990, 40.3772, 22.7152
Hunter-Lab	51.6670, 37.0832, -50.9092

Details

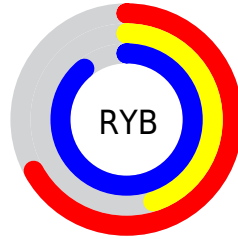
The Hex color **AB74E3** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **ACE374**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **E4A9FF**, and **7442AB** is the 20% darker color. If you saturate the color by 10%, you get **A05DE3**, and if you desaturate by 10%, it is **B68BE3**.

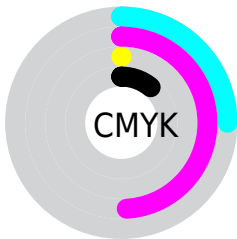
Distribution



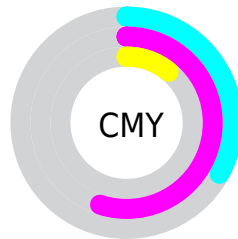
- Red (67%)
- Green (45%)
- Blue (89%)



- Red (67%)
- Yellow (45%)
- Blue (89%)



- Cyan (25%)
- Magenta (49%)
- Yellow (0%)
- Black (11%)



- Cyan (33%)
- Magenta (55%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB74E3 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 AB74E3 by changing the saturation by 10% instead.

 AB74E3

 AB74E3

FFFFFF

 8F5AC7

 E4A9FF

 7442AB

 FFC5FF

 592990

 FFE1FF

 3E0F76

FFFEFF

 22005D

 070044

 00032D

 000117

 000000

 AB74E3

 AB74E3

 A05DE3

 B68BE3

 9447E3

 C2A1E3

 8930E3

 CDB8E3

 7D19E3

 D9CFE3

 7203E3

 E4E5E3

 7000E3

 F0FCE3

 FBFFE3

 FFFFE3

Harmonies

Analogous

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



328DFD



AB74E3



E15BB3

Triad

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



AB74E3



C57D13



00A8A2

Complementary

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



AB74E3



ACE374

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.



00A567



AB74E3



959100

Square

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



AB74E3



E76544



559E30



00A5D7

Rectangle

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



AB74E3



F0538D



559E30



00A78E

Sweetspot

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



AB74E3



ECD9FF



74ADE3



746980



000000



808080

Same Dimension

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



AB74E3



B369FF



E174E3



6D6773



5800B3



190033

Inverse Universe

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



E374AC



FF69B4



76E374



73676D



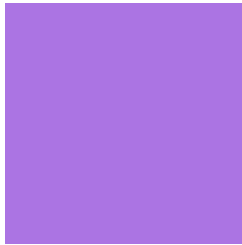
B3005A



33001A

Previews

White Background



This preview shows how the Hex color AB74E3 looks on a white background.

Color Contrast Check

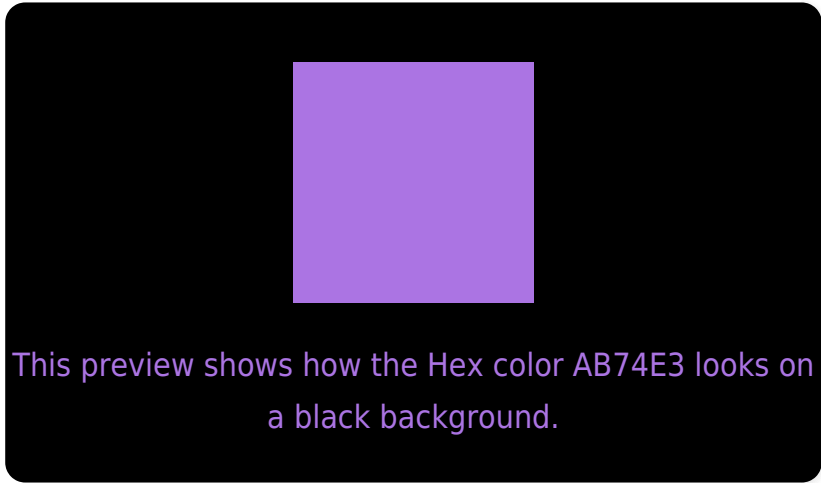
Large Text (above 18pt) WCAG AA ✓ Pass

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

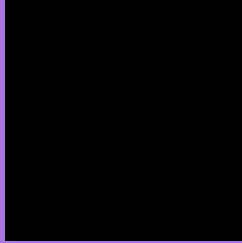
Any Text WCAG AA ✓ Pass

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 AB74E3 Background



This preview shows how black text looks on a background with the Hex color AB74E3.

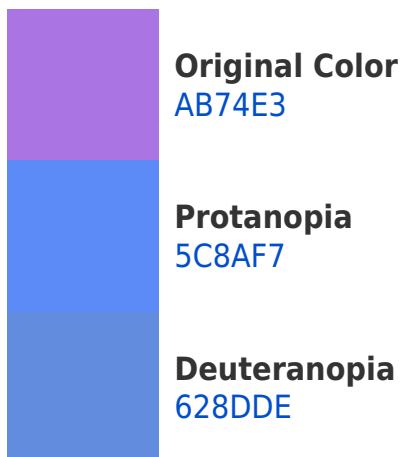


This preview shows how white text looks on a background with the Hex color AB74E3.

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](#).

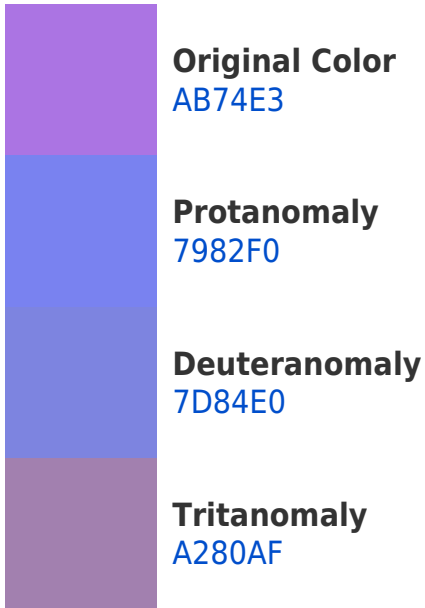
Dichromacy



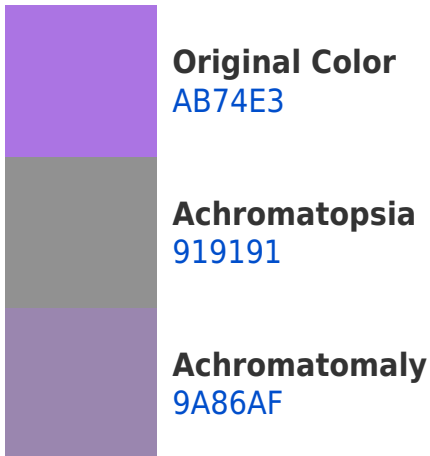


Tritanopia
9D8792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AB74E3 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 #AB74E3 looks like.

```
.text, #text, p{  
    color:#AB74E3  
}
```

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 #AB74E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB74E3
}
```

Border

The CSS property to change the border of an element to Hex AB74E3 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
#AB74E3 }
```

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

```
.border{ border-color:#AB74E3 }
```

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

Here you see how a box with a 4 pixel #AB74E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB74E3; -webkit-box-shadow:4px 4px  
4px 4px #AB74E3; box-shadow:4px 4px 4px  
4px #AB74E3 }
```

Background

The CSS property to change the background color of an element to Hex AB74E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB74E3 }
```

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

```
.background{ background-color:#AB74E3 }
```

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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