

Converting Colors

Hex(AB83A4)

Have a look what the booklet for
Hex(AB83A4) contains.

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Color

Hex(AB83A4)

Conversions

Conversions Part 1

Format	Color
Hex	AB83A4
RGB	171, 131, 164
RGB Percent	67%, 51%, 64%
CMY	0.3294, 0.4863, 0.3569
CMYK	0.00, 0.23, 0.04, 0.33
HSL	310°, 19%, 59%
HSV	310°, 23%, 67%
XYZ	31.6117, 27.5709, 38.7775
YIQ	146.7220, 13.2470, 18.7430

Conversions

Conversions Part 2

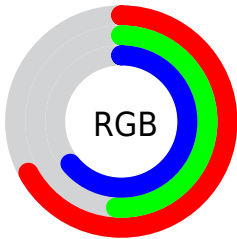
Format	Color
R_{YB}	171, 131, 164
Decimal	11240356
CIE _{Lab}	59.50, 21.00, -11.59
CIE _{LCh}	59, 23.985, 331.091
Yxy	27.5709, 0.3227, 0.2814
Android (android.graphics.Color)	4289430436 (0xFFAB83A4)
YUV	146.7220, 8.5181, 21.2918
Hunter-Lab	52.5080, 15.5746, -7.0306

Details

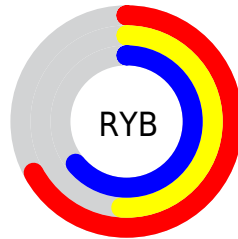
The Hex color **AB83A4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **83AB8A**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **E3B8DB**, and **765170** is the 20% darker color. If you saturate the color by 10%, you get **AB72A1**, and if you desaturate by 10%, it is **AB94A7**.

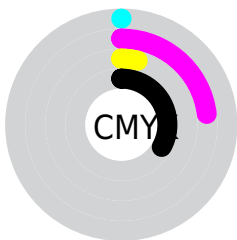
Distribution



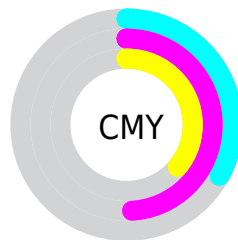
- Red (67%)
- Green (51%)
- Blue (64%)



- Red (67%)
- Yellow (51%)
- Blue (64%)



- Cyan (0%)
- Magenta (23%)
- Yellow (4%)
- Black (33%)



- Cyan (33%)
- Magenta (49%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB83A4 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 AB83A4 by changing the saturation by 10% instead.



AB83A4



AB83A4

FFFFFF



906A8A



E3B8DB



765170



FFD4F7



5D3A58



FFF1FF



452340



2E0E2A



1B0016



000000



AB83A4



AB83A4



AB72A1



AB94A7

 AB619E

 ABA5AA

 AB509B

 ABB6AD

 AB3F98

 ABC7B0

 AB2D95

 ABD8B3

 AB1C92

 ABEAB6

 AB0B8F

 ABFBB9

 AB008D

 ABFFBC

 ABFFBF

Harmonies

Analogous

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



938AB3



AB83A4



B8808F

Triad

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



AB83A4



9E8E65



4F9AA4

Complementary

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



AB83A4



83AB8A

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.



599B8F



AB83A4



87956B

Square

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



AB83A4



AF876B



6F997A



5A97B4

Rectangle

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



AB83A4



BA8081



6F997A



509B9E

Sweetspot

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



AB83A4



DECEDB



8A83AB



70676F



F0F0F0



707070

Same Dimension

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



AB83A4



DEA0D3



AB8390



574E55



96007C



170013

Inverse Universe

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



AB83A4



DEA0D3



83AB9E



574E55



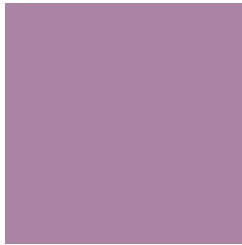
96007C



170013

Previews

White Background



This preview shows how the Hex color AB83A4 looks on a white background.

Color Contrast Check

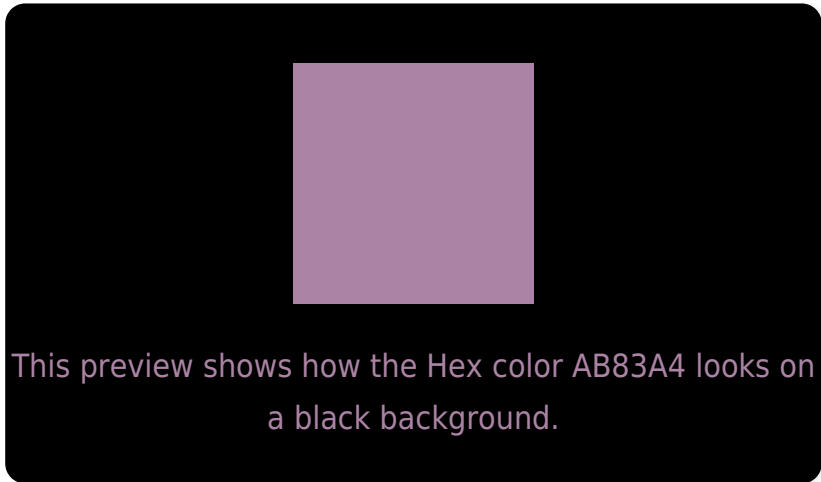
Large Text (above 18pt) WCAG AA ✓ Pass

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

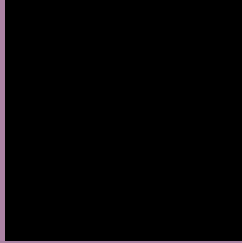
Any Text WCAG AA ✓ Pass

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 AB83A4 Background



This preview shows how black text looks on a background with the Hex color AB83A4.

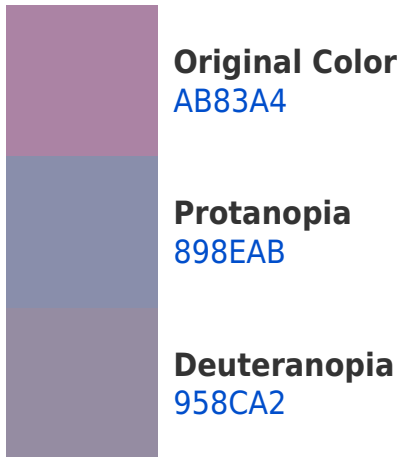


This preview shows how white text looks on a background with the Hex color AB83A4.

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
A88691

Trichromacy



Original Color
AB83A4

Protanomaly
958AA8

Deuteranomaly
9D89A3

Tritanomaly
A98598

Monochromacy



Original Color
AB83A4

Achromatopsia
939393

Achromatomaly
9C8D99

CSS Examples

Text

The CSS property to change the color of the text to Hex AB83A4 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 #AB83A4 looks like.

```
.text, #text, p{  
    color:#AB83A4  
}
```

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 #AB83A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB83A4
}
```

Border

The CSS property to change the border of an element to Hex AB83A4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

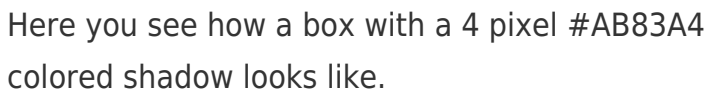
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB83A4 }
```

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

```
.border{ border-color:#AB83A4 }
```

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



Here you see how a box with a 4 pixel `#AB83A4` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB83A4; -webkit-box-shadow:4px 4px  
4px 4px #AB83A4; box-shadow:4px 4px 4px  
4px #AB83A4 }
```

Background

The CSS property to change the background color of an element to Hex AB83A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB83A4 }
```

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

```
.background{ background-color:#AB83A4 }
```

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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