

Converting Colors

Hex(AB1D7B)

Have a look what the booklet for
Hex(AB1D7B) contains.

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Color

Hex(AB1D7B)

Conversions

Conversions Part 1

Format	Color
Hex	AB1D7B
RGB	171, 29, 123
RGB Percent	67%, 11%, 48%
CMY	0.3294, 0.8863, 0.5176
CMYK	0.00, 0.83, 0.28, 0.33
HSL	320°, 71%, 39%
HSV	320°, 83%, 67%
XYZ	20.8091, 10.9667, 19.7589
YIQ	82.1740, 54.4580, 59.3380

Conversions

Conversions Part 2

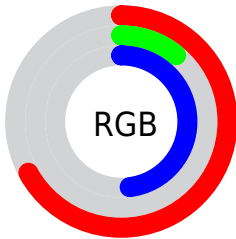
Format	Color
R_{YB}	171, 29, 123
Decimal	11214203
CIE _{Lab}	39.52, 62.02, -17.50
CIE _{LCh}	40, 64.445, 344.244
Yxy	10.9667, 0.4038, 0.2128
Android (android.graphics.Color)	4289404283 (0xFFAB1D7B)
YUV	82.1740, 20.1272, 77.9004
Hunter-Lab	33.1160, 54.2109, -12.1946

Details

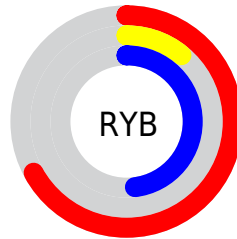
The Hex color **AB1D7B** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **1DAB4D**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **E65CB0**, and **72004A** is the 20% darker color. If you saturate the color by 10%, you get **AB0C75**, and if you desaturate by 10%, it is **AB2E81**.

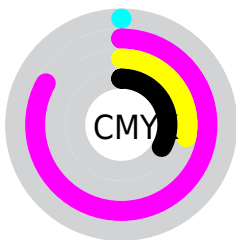
Distribution



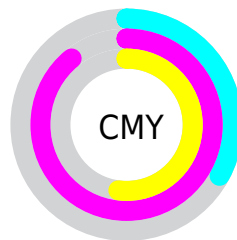
- Red (67%)
- Green (11%)
- Blue (48%)



- Red (67%)
- Yellow (11%)
- Blue (48%)



- Cyan (0%)
- Magenta (83%)
- Yellow (28%)
- Black (33%)



- Cyan (33%)
- Magenta (89%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB1D7B 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 AB1D7B by changing the saturation by 10% instead.

 AB1D7B

 AB1D7B

FFFFFF

 8E0062

 E65CB0

 72004A

 FF78CB

 560033

 FF94E7

 3D001F

 FFB1FF

 1F0001

 FFCEFF

 000000

 FFE8FF

 AB1D7B

 AB1D7B

 AB0C75

 AB2E81

 AB0071

 AB3F87

 AB508C

 AB6192

 AB7298

 AB849E

 AB95A3

 ABA6A9

 ABB7AF

Harmonies

Analogous

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



7D41A9



AB1D7B



B71247

Triad

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



AB1D7B



5B6300



0072A6

Complementary

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



AB1D7B



1DAB4D

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.



007376



AB1D7B



0D6D00

Square

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



AB1D7B



885000



00723E



006BC3

Rectangle

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



AB1D7B



B02925



00723E



007397

Sweetspot

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



AB1D7B



DEA6CB



4C1DAB



704F65



F0F0F0



707070

Same Dimension

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



AB1D7B



DE0093



AB1D35



574E54



960064



17000F

Inverse Universe

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



AB1D7B



DE0093



1DAB93



574E54



960064



17000F

Previews

White Background



This preview shows how the Hex color AB1D7B looks on a white background.

Color Contrast Check

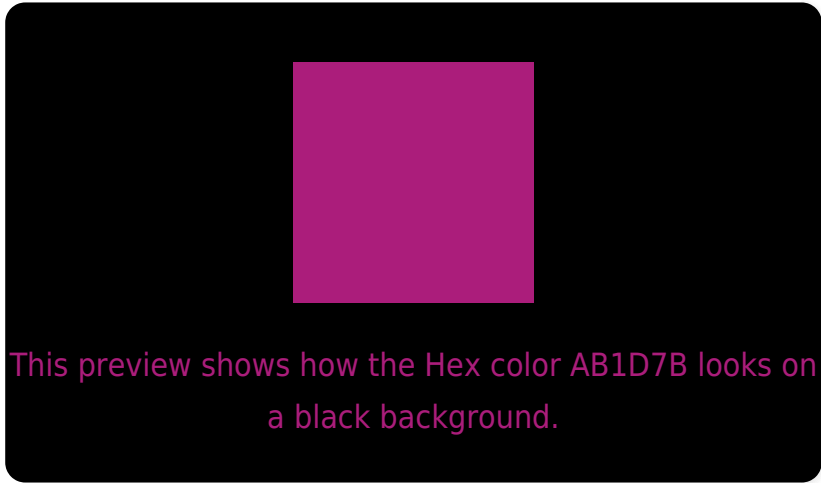
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex AB1D7B Background



This preview shows how black text looks on a background with the Hex color AB1D7B.

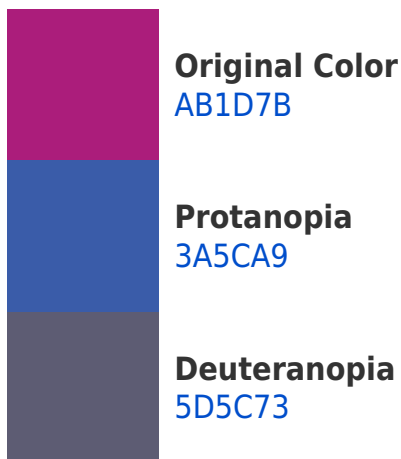



This preview shows how white text looks on a background with the Hex color AB1D7B.

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
A63639

Trichromacy



Original Color
AB1D7B

Protanomaly
634598

Deuteranomaly
794576

Tritanomaly
A82D51

Monochromacy



Original Color
AB1D7B

Achromatopsia
525252

Achromatomaly
723F61

CSS Examples

Text

The CSS property to change the color of the text to Hex AB1D7B 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 #AB1D7B looks like.

```
.text, #text, p{  
    color:#AB1D7B  
}
```

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 #AB1D7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB1D7B
}
```

Border

The CSS property to change the border of an element to Hex AB1D7B 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
#AB1D7B }
```

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

```
.border{ border-color:#AB1D7B }
```

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

Here you see how a box with a 4 pixel #AB1D7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB1D7B; -webkit-box-shadow:4px 4px  
4px 4px #AB1D7B; box-shadow:4px 4px 4px  
4px #AB1D7B }
```

Background

The CSS property to change the background color of an element to Hex AB1D7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB1D7B }
```

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

```
.background{ background-color:#AB1D7B }
```

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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