

Converting Colors

Hex(AB3CAB)

Have a look what the booklet for
Hex(AB3CAB) contains.

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Color

Hex(**AB3CAB**)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | AB3CAB |
| RGB | 171, 60, 171 |
| RGB Percent | 67%, 24%, 67% |
| CMY | 0.3294, 0.7647, 0.3294 |
| CMYK | 0.00, 0.65, 0.00, 0.33 |
| HSL | 300°, 48%, 45% |
| HSV | 300°, 65%, 67% |
| XYZ | 25.7611, 14.8299, 40.0328 |
| YIQ | 105.8430, 30.5250, 58.0530 |

Conversions

Conversions Part 2

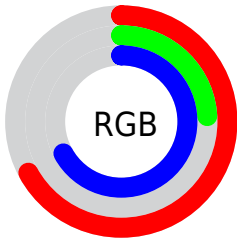
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 171, 60, 171 |
| Decimal | 11222187 |
| CIE _{Lab} | 45.40, 58.92, -37.42 |
| CIE _{LCh} | 45, 69.797, 327.584 |
| Yxy | 14.8299, 0.3195, 0.1839 |
| Android (android.graphics.Color) | 4289412267 (0xFFAB3CAB) |
| YUV | 105.8430, 32.1224, 57.1427 |
| Hunter-Lab | 38.5096, 52.0162, -34.6783 |

Details

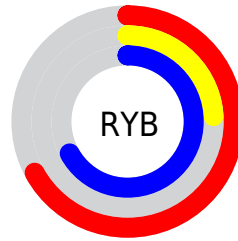
The Hex color **AB3CAB** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3CAB3C**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **E573E3**, and **730076** is the 20% darker color. If you saturate the color by 10%, you get **AB2BAB**, and if you desaturate by 10%, it is **AB4DAB**.

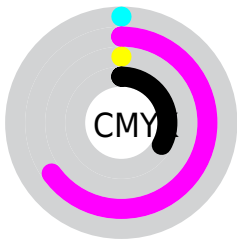
Distribution



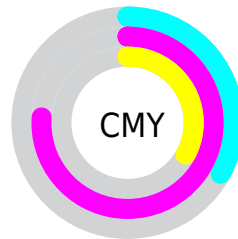
- Red (67%)
- Green (24%)
- Blue (67%)



- Red (67%)
- Yellow (24%)
- Blue (67%)



- Cyan (0%)
- Magenta (65%)
- Yellow (0%)
- Black (33%)



- Cyan (33%)
- Magenta (76%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB3CAB 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 AB3CAB by changing the saturation by 10% instead.

 AB3CAB

 AB3CAB

FFFFFF

 8F1D90

 E573E3

 730076

 FF8FFF

 58005D

 FFABFF

 3E0045

 FFC8FF

 25002E

 FFE5FF

 000118

 000000

 AB3CAB

 AB3CAB

 AB2BAB

 AB4DAB

 AB1AAB

 AB5EAB

 AB09AB

 AB6FAB

 AB00AB

 AB80AB

 AB91AB

 ABA3AB

 ABB4AB

 ABC5AB

 ABD6AB

Harmonies

Analogous

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



585ED4



AB3CAB



CC1973

Triad

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



AB3CAB



876800



0084A0

Complementary

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



AB3CAB



3CAB3C

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.



008465



AB3CAB



4E7800

Square

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



AB3CAB



B24E00



008026



0080CE

Rectangle

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



AB3CAB



CF1F4C



008026



00848D

Sweetspot

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



AB3CAB



DEB4DE



3C3CAB



705670



F0F0F0



707070

Same Dimension

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



AB3CAB



DE31DE



AB3C73



574E57



960096



170017

Inverse Universe

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



AB3CAB



DE31DE



3CAB73



574E57



960096



170017

Previews

White Background



This preview shows how the Hex color AB3CAB looks on a white background.

Color Contrast Check

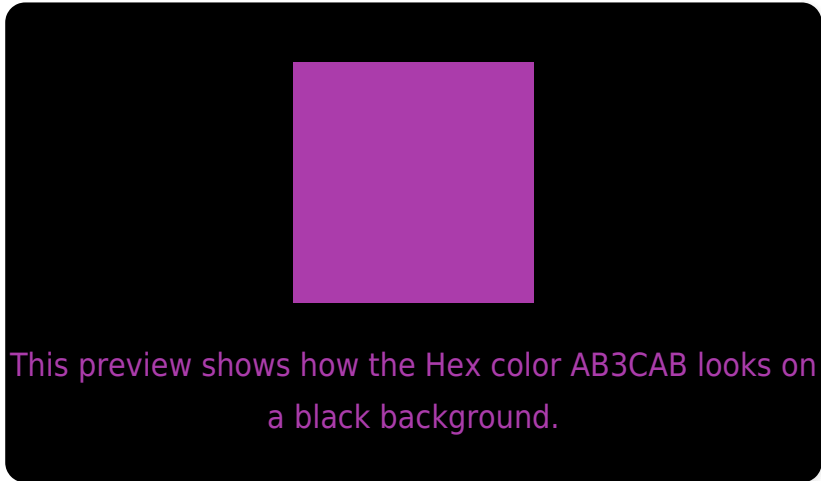
Large Text (above 18pt) WCAG AA ✓ Pass

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

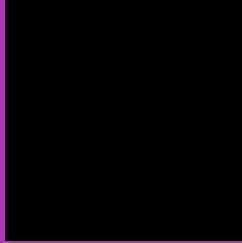
Any Text WCAG AA × Fail

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 AB3CAB Background



This preview shows how black text looks on a background with the Hex color AB3CAB.

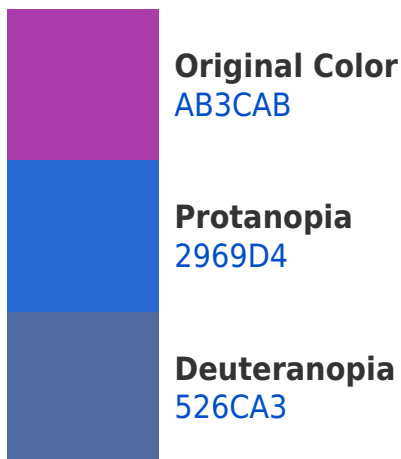


This preview shows how white text looks on a background with the Hex color AB3CAB.

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
A2555B

Trichromacy



Original Color
AB3CAB



Protanomaly
5859C5



Deuteranomaly
725BA6



Tritanomaly
A54C78

Monochromacy



Original Color
AB3CAB



Achromatopsia
6A6A6A



Achromatomaly
825982

CSS Examples

Text

The CSS property to change the color of the text to Hex AB3CAB 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 #AB3CAB looks like.

```
.text, #text, p{  
    color:#AB3CAB  
}
```

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 #AB3CAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB3CAB
}
```

Border

The CSS property to change the border of an element to Hex AB3CAB 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
#AB3CAB }
```

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

```
.border{ border-color:#AB3CAB }
```

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

Here you see how a box with a 4 pixel #AB3CAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB3CAB; -webkit-box-shadow:4px 4px  
4px 4px #AB3CAB; box-shadow:4px 4px 4px  
4px #AB3CAB }
```

Background

The CSS property to change the background color of an element to Hex AB3CAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB3CAB }
```

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

```
.background{ background-color:#AB3CAB }
```

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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