

Converting Colors

Hex(AB70AB)

Have a look what the booklet for
Hex(AB70AB) contains.

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Color

Hex(AB70AB)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | AB70AB |
| RGB | 171, 112, 171 |
| RGB Percent | 67%, 44%, 67% |
| CMY | 0.3294, 0.5608, 0.3294 |
| CMYK | 0.00, 0.35, 0.00, 0.33 |
| HSL | 300°, 26%, 55% |
| HSV | 300°, 35%, 67% |
| XYZ | 29.9394, 23.1865, 41.4255 |
| YIQ | 136.3670, 16.2250, 30.8570 |

Conversions

Conversions Part 2

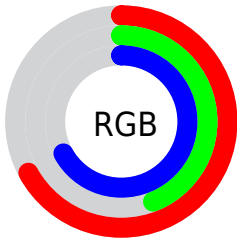
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 171, 112, 171 |
| Decimal | 11235499 |
| CIE Lab | 55.26, 33.03, -22.05 |
| CIE LCh | 55, 39.716, 326.272 |
| Yxy | 23.1865, 0.3166, 0.2452 |
| Android (android.graphics.Color) | 4289425579 (0xFFAB70AB) |
| YUV | 136.3670, 17.0741, 30.3731 |
| Hunter-Lab | 48.1524, 26.7182, -17.3005 |

Details

The Hex color **AB70AB** is a light color, and the websafe version is hex **996699**. A complement of this color would be **70AB70**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **E3A5E2**, and **763E77** is the 20% darker color. If you saturate the color by 10%, you get **AB5FAB**, and if you desaturate by 10%, it is **AB81AB**.

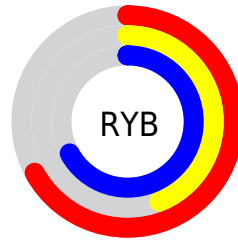
Distribution



Red (67%)

Green (44%)

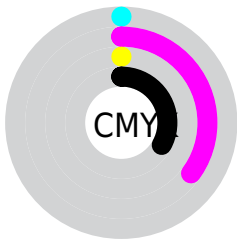
Blue (67%)



Red (67%)

Yellow (44%)

Blue (67%)

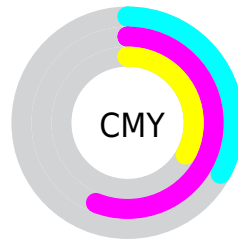


Cyan (0%)

Magenta (35%)

Yellow (0%)

Black (33%)



Cyan (33%)

Magenta (56%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB70AB 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 AB70AB by changing the saturation by 10% instead.

 AB70AB

 AB70AB

FFFFFF

 905790

 E3A5E2

 763E77

 FFC0FF

 5C275E

 FFDCFF

 430E46

 FFF9FF

 2C002F

 10001A

 000000

 AB70AB

 AB70AB

 AB5FAB

 AB81AB

 AB4EAB

 AB92AB

 AB3DAB

 ABA3AB

 AB2CAB

 ABB4AB

 AB1AAB

 ABC5AB

 AB09AB

 ABD7AB

 AB00AB

 ABE8AB

 ABF9AB

 ABFFAB

Harmonies

Analogous

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



807DC2



AB70AB



C2688A

Triad

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



AB70AB



9D813E



0096A2

Complementary

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



AB70AB



70AB70

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.



00967F



AB70AB



7B8B44

Square

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



AB70AB



B7744C



51925D



0092BD

Rectangle

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



AB70AB



C66873



51925D



009696

Sweetspot

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



AB70AB



DEC8DE



7070AB



706370



F0F0F0



707070

Same Dimension

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



AB70AB



DE83DE



AB708D



574E57



960096



170017

Inverse Universe

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



AB70AB



DE83DE



70AB8D



574E57



960096



170017

Previews

White Background



This preview shows how the Hex color AB70AB looks on a white background.

Color Contrast Check

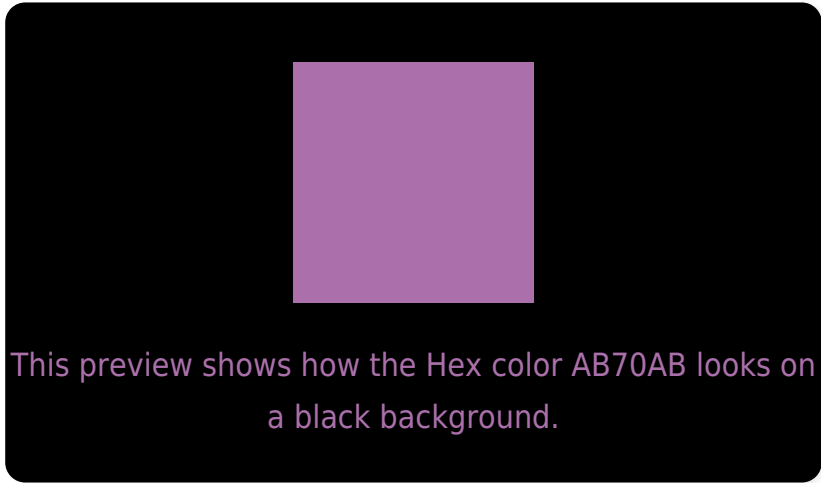
Large Text (above 18pt) WCAG AA ✓ Pass

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

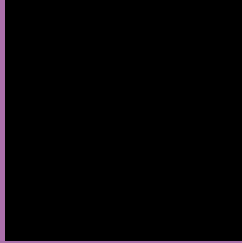
Any Text WCAG AA ✓ Pass

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 AB70AB Background



This preview shows how black text looks on a background with the Hex color AB70AB.

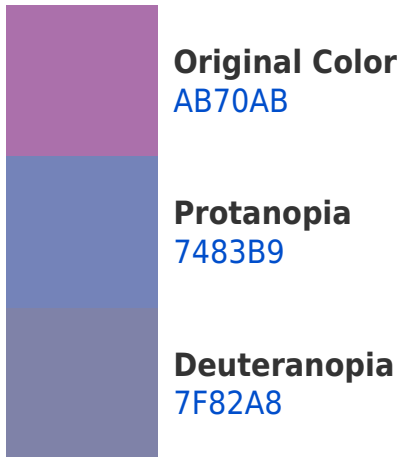


This preview shows how white text looks on a background with the Hex color AB70AB.

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
A67882

Trichromacy



Original Color
AB70AB



Protanomaly
887CB4



Deuteranomaly
8F7BA9



Tritanomaly
A87591

Monochromacy



Original Color
AB70AB



Achromatopsia
888888



Achromatomaly
957F95

CSS Examples

Text

The CSS property to change the color of the text to Hex AB70AB 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 #AB70AB looks like.

```
.text, #text, p{  
    color:#AB70AB  
}
```

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 #AB70AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB70AB
}
```

Border

The CSS property to change the border of an element to Hex AB70AB 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
#AB70AB }
```

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

```
.border{ border-color:#AB70AB }
```

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

Here you see how a box with a 4 pixel #AB70AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB70AB; -webkit-box-shadow:4px 4px  
4px 4px #AB70AB; box-shadow:4px 4px 4px  
4px #AB70AB }
```

Background

The CSS property to change the background color of an element to Hex AB70AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB70AB }
```

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

```
.background{ background-color:#AB70AB }
```

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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