

Converting Colors

Hex(AB73A8)

Have a look what the booklet for
Hex(AB73A8) contains.

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Color

Hex(AB73A8)

Conversions

Conversions Part 1

Format	Color
Hex	AB73A8
RGB	171, 115, 168
RGB Percent	67%, 45%, 66%
CMY	0.3294, 0.5490, 0.3412
CMYK	0.00, 0.33, 0.02, 0.33
HSL	303°, 25%, 56%
HSV	303°, 33%, 67%
XYZ	29.9932, 23.7465, 40.0485
YIQ	137.7860, 16.3630, 28.3550

Conversions

Conversions Part 2

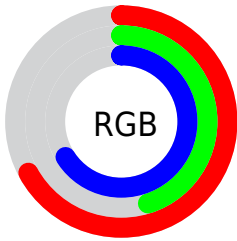
Format	Color
RYB	171, 115, 168
Decimal	11236264
CIELab	55.83, 30.78, -19.45
CIELCh	56, 36.410, 327.716
Yxy	23.7465, 0.3198, 0.2532
Android (android.graphics.Color)	4289426344 (0xFFAB73A8)
YUV	137.7860, 14.8955, 29.1287
Hunter-Lab	48.7304, 24.5871, -14.6155

Details

The Hex color **AB73A8** is a light color, and the websafe version is hex **996699**. A complement of this color would be **73AB76**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **E3A8DF**, and **764174** is the 20% darker color. If you saturate the color by 10%, you get **AB62A7**, and if you desaturate by 10%, it is **AB84A9**.

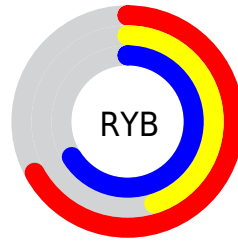
Distribution



Red (67%)

Green (45%)

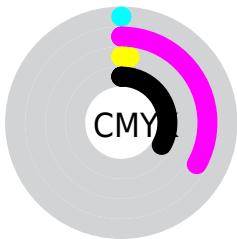
Blue (66%)



Red (67%)

Yellow (45%)

Blue (66%)

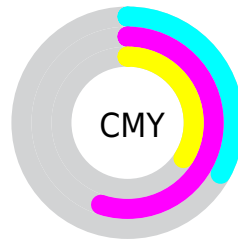


Cyan (0%)

Magenta (33%)

Yellow (2%)

Black (33%)



Cyan (33%)

Magenta (55%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB73A8 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 AB73A8 by changing the saturation by 10% instead.

 AB73A8

 AB73A8

FFFFFF

 905A8D

 E3A8DF

 764174

 FFC3FC

 5C2A5B

 FFDFFF

 441243

 FFFCFF

 2C002D

 120018

 000000

 AB73A8

 AB73A8

 AB62A7

 AB84A9

 AB51A6

 AB95AA

 AB40A5

 ABA6AB

 AB2FA4

 ABB7AC

 AB1DA3

 ABC8AD

 AB0CA3

 ABDAAD

 AB00A2

 ABEBAE

 ABFCAF

 ABFFB0

Harmonies

Analogous

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



857EBE



AB73A8



BF6C89

Triad

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



AB73A8



9C8346



0096A2

Complementary

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



AB73A8



73AB76

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.



1E9682



AB73A8



7C8D4C

Square

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



AB73A8



B47851



569363



0092BA

Rectangle

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



AB73A8



C36D74



569363



009698

Sweetspot

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



AB73A8



DEC8DD



7673AB



70636F



F0F0F0



707070

Same Dimension

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



AB73A8



DE87D9



AB738C



574E56



96008E



170016

Inverse Universe

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



AB73A8



DE87D9



73AB92



574E56



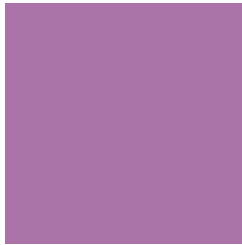
96008E



170016

Previews

White Background



This preview shows how the Hex color AB73A8 looks on a white background.

Color Contrast Check

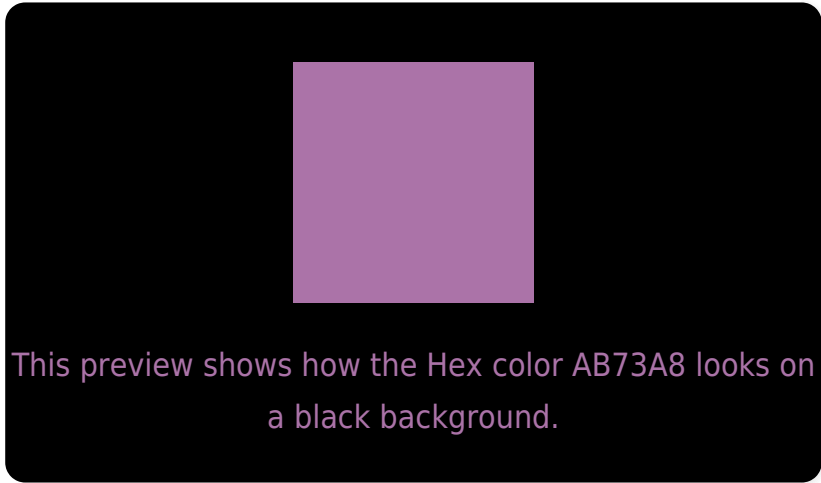
Large Text (above 18pt) WCAG AA ✓ Pass

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

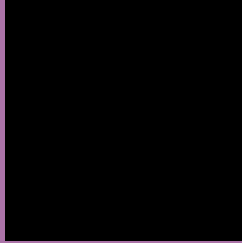
Any Text WCAG AA ✓ Pass

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 AB73A8 Background



This preview shows how black text looks on a background with the Hex color AB73A8.

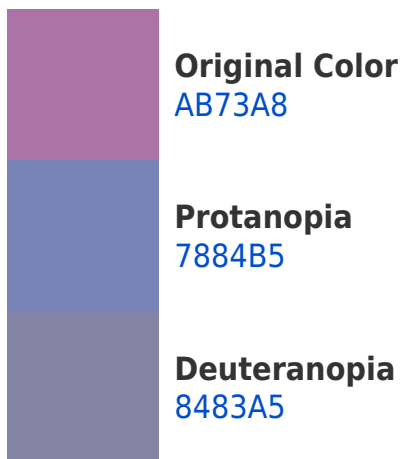



This preview shows how white text looks on a background with the Hex color AB73A8.

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
A67A84

Trichromacy



Original Color
AB73A8

Protanomaly
8B7EB0

Deuteranomaly
927DA6

Tritanomaly
A87791

Monochromacy



Original Color
AB73A8

Achromatopsia
8A8A8A

Achromatomaly
968295

CSS Examples

Text

The CSS property to change the color of the text to Hex AB73A8 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 #AB73A8 looks like.

```
.text, #text, p{  
    color:#AB73A8  
}
```

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 #AB73A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB73A8
}
```

Border

The CSS property to change the border of an element to Hex AB73A8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

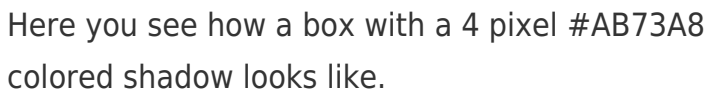
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB73A8 }
```

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

```
.border{ border-color:#AB73A8 }
```

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



Here you see how a box with a 4 pixel `#AB73A8` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB73A8; -webkit-box-shadow:4px 4px  
4px 4px #AB73A8; box-shadow:4px 4px 4px  
4px #AB73A8 }
```

Background

The CSS property to change the background color of an element to Hex AB73A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB73A8 }
```

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

```
.background{ background-color:#AB73A8 }
```

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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