

Converting Colors

Hex(AB3A74)

Have a look what the booklet for
Hex(AB3A74) contains.

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Color

Hex(AB3A74)

Conversions

Conversions Part 1

Format	Color
Hex	AB3A74
RGB	171, 58, 116
RGB Percent	67%, 23%, 45%
CMY	0.3294, 0.7725, 0.5451
CMYK	0.00, 0.66, 0.32, 0.33
HSL	329°, 49%, 45%
HSV	329°, 66%, 67%
XYZ	21.4600, 12.9450, 17.8906
YIQ	98.3990, 48.7300, 41.9940

Conversions

Conversions Part 2

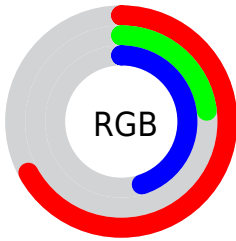
Format	Color
R_{YB}	171, 58, 116
Decimal	11221620
CIE _{Lab}	42.68, 51.53, -8.37
CIE _{LCh}	43, 52.206, 350.774
Yxy	12.9450, 0.4104, 0.2475
Android (android.graphics.Color)	4289411700 (0xFFAB3A74)
YUV	98.3990, 8.6773, 63.6711
Hunter-Lab	35.9792, 43.5041, -4.2964

Details

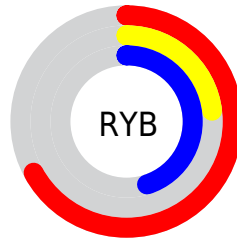
The Hex color **AB3A74** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3AAB71**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **E570A8**, and **730044** is the 20% darker color. If you saturate the color by 10%, you get **AB296C**, and if you desaturate by 10%, it is **AB4B7C**.

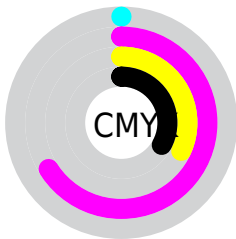
Distribution



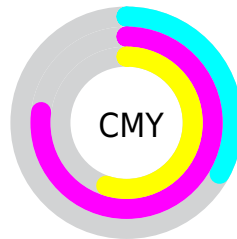
- Red (67%)
- Green (23%)
- Blue (45%)



- Red (67%)
- Yellow (23%)
- Blue (45%)



- Cyan (0%)
- Magenta (66%)
- Yellow (32%)
- Black (33%)



- Cyan (33%)
- Magenta (77%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB3A74 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 AB3A74 by changing the saturation by 10% instead.

 AB3A74

 AB3A74

FFFFFF

 8F1C5B

 E570A8

 730044

 FF8CC3

 57002E

 FFA7DF

 3E0019

 FFC4FC

 220001

 FFE0FF

 000000

FFFEFF

 AB3A74

 AB3A74

 AB296C

 AB4B7C

 AB1863

 AB5C85

 AB075B

 AB6D8D

 AB0058

 AB7E95

 AB8F9E

 ABA1A6

 ABB2AE

 ABC3B7

 ABD4BF

Harmonies

Analogous

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



8B4B9C



AB3A74



B13B49

Triad

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



AB3A74



5D6C00



0076A7

Complementary

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



AB3A74



3AAB71

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.



007982



AB3A74



22742A

Square

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



AB3A74



845E00



007856



006EBA

Rectangle

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



AB3A74



A9452E



007856



00779C

Sweetspot

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



AB3A74



DEB1C8



713AAB



705563



F0F0F0



707070

Same Dimension

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



AB3A74



DE2F89



AB3A3C



574E52



96004D



17000C

Inverse Universe

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



AB3A74



DE2F89



3AABA9



574E52



96004D



17000C

Previews

White Background



This preview shows how the Hex color AB3A74 looks on a white background.

Color Contrast Check

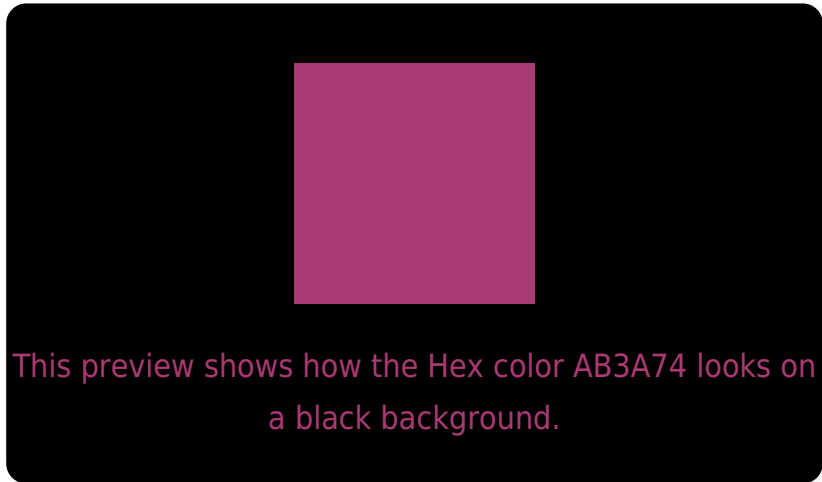
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB3A74 Background



This preview shows how black text looks on a background with the Hex color AB3A74.




This preview shows how white text looks on a background with the Hex color AB3A74.

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
A84449

Trichromacy



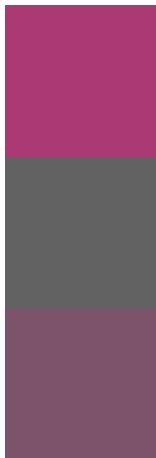
Original Color
AB3A74

Protanomaly
765586

Deuteranomaly
825470

Tritanomaly
A94059

Monochromacy



Original Color
AB3A74

Achromatopsia
626262

Achromatomaly
7D5369

CSS Examples

Text

The CSS property to change the color of the text to Hex AB3A74 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 #AB3A74 looks like.

```
.text, #text, p{  
    color:#AB3A74  
}
```

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 #AB3A74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB3A74
}
```

Border

The CSS property to change the border of an element to Hex AB3A74 is called "border". The border property can be set on classes, ids or directly on the HTML element.

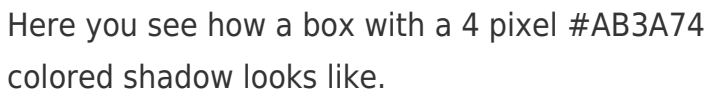
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB3A74 }
```

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

```
.border{ border-color:#AB3A74 }
```

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



Here you see how a box with a 4 pixel `#AB3A74` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB3A74; -webkit-box-shadow:4px 4px  
4px 4px #AB3A74; box-shadow:4px 4px 4px  
4px #AB3A74 }
```

Background

The CSS property to change the background color of an element to Hex AB3A74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB3A74 }
```

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

```
.background{ background-color:#AB3A74 }
```

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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