

Converting Colors

Hex(AB3F6B)

Have a look what the booklet for
Hex(AB3F6B) contains.

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Color

Hex(AB3F6B)

Conversions

Conversions Part 1

Format	Color
Hex	AB3F6B
RGB	171, 63, 107
RGB Percent	67%, 25%, 42%
CMY	0.3294, 0.7529, 0.5804
CMYK	0.00, 0.63, 0.37, 0.33
HSL	336°, 46%, 46%
HSV	336°, 63%, 67%
XYZ	21.2259, 13.2745, 15.3534
YIQ	100.3080, 50.2440, 36.5800

Conversions

Conversions Part 2

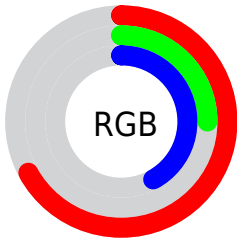
Format	Color
R_{YB}	171, 63, 107
Decimal	11222891
CIE Lab	43.17, 48.29, -2.07
CIE LCh	43, 48.336, 357.540
Yxy	13.2745, 0.4258, 0.2663
Android (android.graphics.Color)	4289412971 (0xFFAB3F6B)
YUV	100.3080, 3.2992, 61.9969
Hunter-Lab	36.4342, 40.2314, 0.5190

Details

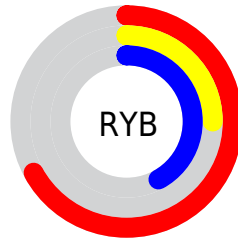
The Hex color **AB3F6B** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3FAB7F**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **E5749E**, and **73003C** is the 20% darker color. If you saturate the color by 10%, you get **AB2E61**, and if you desaturate by 10%, it is **AB5075**.

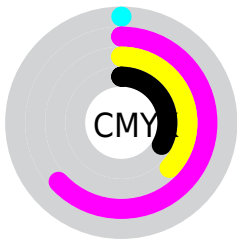
Distribution



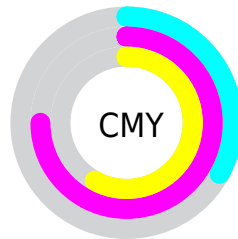
- Red (67%)
- Green (25%)
- Blue (42%)



- Red (67%)
- Yellow (25%)
- Blue (42%)



- Cyan (0%)
- Magenta (63%)
- Yellow (37%)
- Black (33%)



- Cyan (33%)
- Magenta (75%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB3F6B 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 AB3F6B by changing the saturation by 10% instead.

 AB3F6B

 AB3F6B

FFFFFF

 8F2353

 E5749E

 73003C

 FF90B9

 570026

 FFABD5

 3D0011

 FFC7F1

 210001

 FFE4FF

 000000

 AB3F6B

 AB3F6B

 AB2E61

 AB5075

 AB1D57

 AB617F

 AB0C4D

 AB7289

 AB0046

 AB8394

 AB949E

 ABA6A8

 ABB7B2

 ABC8BC

 ABD9C6

Harmonies

Analogous

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



934B92



AB3F6B



AC4443

Triad

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



AB3F6B



566E16



0075A9

Complementary

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



AB3F6B



3FAB7F

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.



00788A



AB3F6B



177539

Square

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



AB3F6B



7D6308



007961



006CB6

Rectangle

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



AB3F6B



A24E2C



007961



0076A0

Sweetspot

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



AB3F6B



DEB4C5



7E3FAB



705661



F0F0F0



707070

Same Dimension

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



AB3F6B



DE357A



AB483F



574E52



96003D



170009

Inverse Universe

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



AB3F6B



DE357A



3FA2AB



574E52



96003D



170009

Previews

White Background



This preview shows how the Hex color AB3F6B looks on a white background.

Color Contrast Check

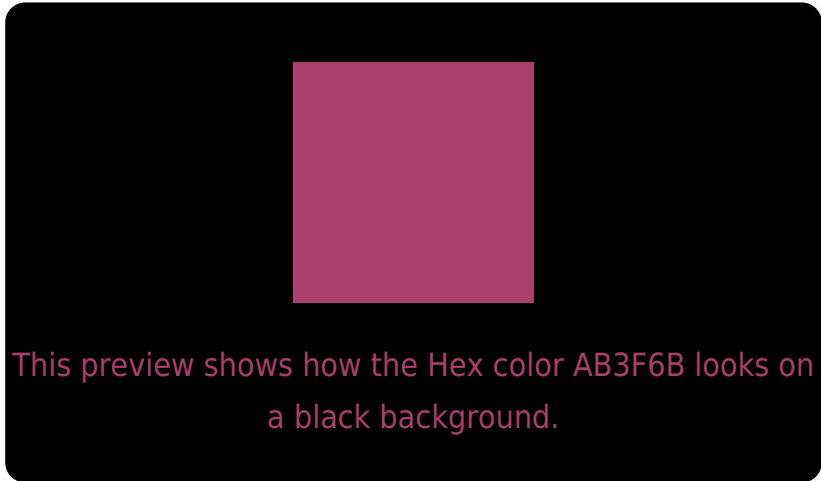
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB3F6B Background



This preview shows how black text looks on a background with the Hex color AB3F6B.

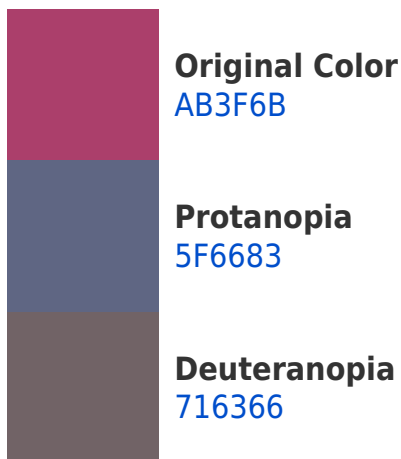


This preview shows how white text looks on a background with the Hex color AB3F6B.

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
A9464B

Trichromacy



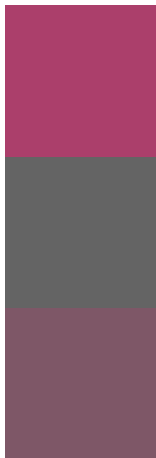
Original Color
AB3F6B

Protanomaly
7B587A

Deuteranomaly
865668

Tritanomaly
AA4357

Monochromacy



Original Color
AB3F6B

Achromatopsia
646464

Achromatomaly
7E5767

CSS Examples

Text

The CSS property to change the color of the text to Hex AB3F6B 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 #AB3F6B looks like.

```
.text, #text, p{  
    color:#AB3F6B  
}
```

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 #AB3F6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB3F6B
}
```

Border

The CSS property to change the border of an element to Hex AB3F6B is called "border". The border property can be set on classes, ids or directly on the HTML element.

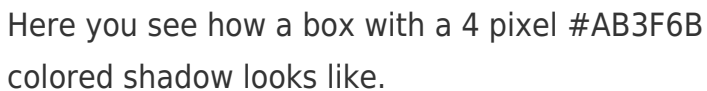
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AB3F6B }
```

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

```
.border{ border-color:#AB3F6B }
```

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



Here you see how a box with a 4 pixel `#AB3F6B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB3F6B; -webkit-box-shadow:4px 4px  
4px 4px #AB3F6B; box-shadow:4px 4px 4px  
4px #AB3F6B }
```

Background

The CSS property to change the background color of an element to Hex AB3F6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB3F6B }
```

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

```
.background{ background-color:#AB3F6B }
```

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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