

Converting Colors

Hex(AB2F6D)

Have a look what the booklet for
Hex(AB2F6D) contains.

| | |
|--|----|
| Hex(AB2F6D) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(AB2F6D)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | AB2F6D |
| RGB | 171, 47, 109 |
| RGB Percent | 67%, 18%, 43% |
| CMY | 0.3294, 0.8157, 0.5725 |
| CMYK | 0.00, 0.73, 0.36, 0.33 |
| HSL | 330°, 57%, 43% |
| HSV | 330°, 73%, 67% |
| XYZ | 20.5714, 11.7951, 15.6604 |
| YIQ | 91.1440, 54.0020, 45.5700 |

Conversions

Conversions Part 2

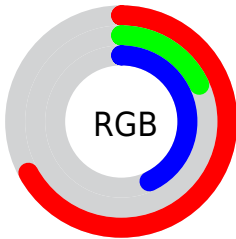
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 171, 47, 109 |
| Decimal | 11218797 |
| CIE _{Lab} | 40.89, 54.99, -6.70 |
| CIE _{LCh} | 41, 55.399, 353.049 |
| Yxy | 11.7951, 0.4283, 0.2456 |
| Android (android.graphics.Color) | 4289408877 (0xFFAB2F6D) |
| YUV | 91.1440, 8.8030, 70.0337 |
| Hunter-Lab | 34.3440, 46.8163, -2.9948 |

Details

The Hex color **AB2F6D** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2FAB6D**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **E667A0**, and **72003E** is the 20% darker color. If you saturate the color by 10%, you get **AB1E64**, and if you desaturate by 10%, it is **AB4076**.

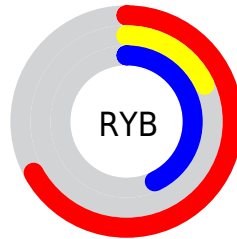
Distribution



Red (67%)

Green (18%)

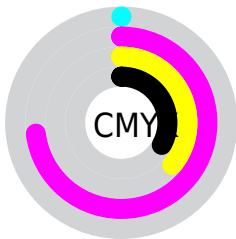
Blue (43%)



Red (67%)

Yellow (18%)

Blue (43%)

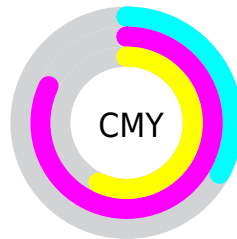


Cyan (0%)

Magenta (73%)

Yellow (36%)

Black (33%)



Cyan (33%)

Magenta (82%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB2F6D 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 AB2F6D by changing the saturation by 10% instead.

 AB2F6D

 AB2F6D

FFFFFF

 8E0855

 E667A0

 72003E

 FF83BB

 560028

 FF9FD7

 3D0014

 FFBBF4

 1D0001

 FFD8FF

 000000

 FFF5FF

 AB2F6D

 AB2F6D

 AB1E64

 AB4076

 AB0D5C

 AB517E

 AB0055

 AB6287

 AB738F

 AB8498

 AB96A0

 ABA7A9

 ABB8B1

 ABC9BA

Harmonies

Analogous

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



8C4398



AB2F6D



AF3240

Triad

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



AB2F6D



536800



0072A9

Complementary

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



AB2F6D



2FAB6D

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.



007583



AB2F6D



007025

Square

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



AB2F6D



7E5B00



007454



0069BB

Rectangle

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



AB2F6D



A54024



007454



00739E

Sweetspot

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



AB2F6D



DEADC5



6D2FAB



705362



F0F0F0



707070

Same Dimension

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



AB2F6D



DE1D7D



AB2F2F



574E52



96004B



17000B

Inverse Universe

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



AB2F6D



DE1D7D



2FABAB



574E52



96004B



17000B

Previews

White Background



This preview shows how the Hex color AB2F6D looks on a white background.

Color Contrast Check

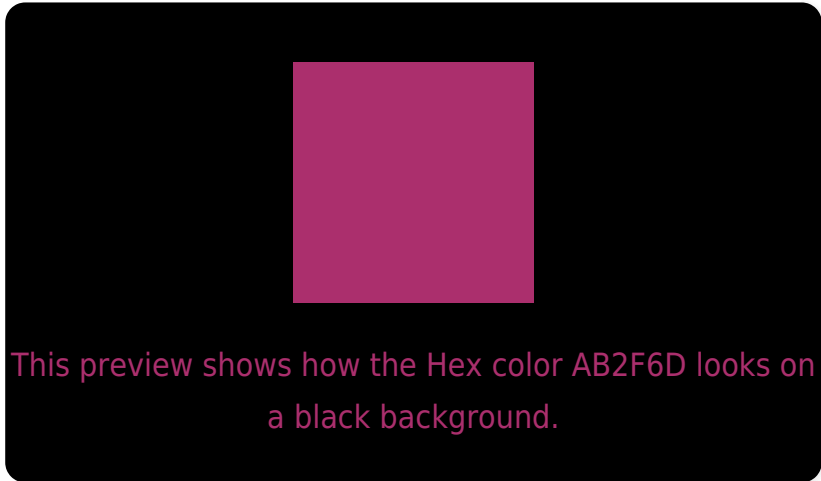
Large Text (above 18pt) WCAG AA ✓ Pass

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 AB2F6D Background



This preview shows how black text looks on a background with the Hex color AB2F6D.



This preview shows how white text looks on a background with the Hex color AB2F6D.

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
A83B3F

Trichromacy



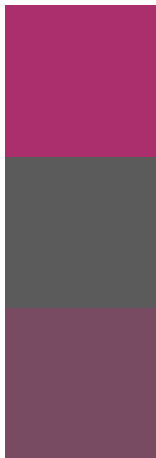
Original Color
AB2F6D

Protanomaly
724E82

Deuteranomaly
804D69

Tritanomaly
A93750

Monochromacy



Original Color
AB2F6D

Achromatopsia
5B5B5B

Achromatomaly
784B62

CSS Examples

Text

The CSS property to change the color of the text to Hex AB2F6D 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 #AB2F6D looks like.

```
.text, #text, p{  
    color:#AB2F6D  
}
```

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 #AB2F6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB2F6D
}
```

Border

The CSS property to change the border of an element to Hex AB2F6D 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
#AB2F6D }
```

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

```
.border{ border-color:#AB2F6D }
```

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

Here you see how a box with a 4 pixel #AB2F6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB2F6D; -webkit-box-shadow:4px 4px  
4px 4px #AB2F6D; box-shadow:4px 4px 4px  
4px #AB2F6D }
```

Background

The CSS property to change the background color of an element to Hex AB2F6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB2F6D }
```

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

```
.background{ background-color:#AB2F6D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor