

Converting Colors

Hex(AB42B0)

Have a look what the booklet for
Hex(AB42B0) contains.

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Color

Hex(AB42B0)

Conversions

Conversions Part 1

Format	Color
Hex	AB42B0
RGB	171, 66, 176
RGB Percent	67%, 26%, 69%
CMY	0.3294, 0.7412, 0.3098
CMYK	0.03, 0.62, 0.00, 0.31
HSL	297°, 45%, 47%
HSV	297°, 62%, 69%
XYZ	26.5793, 15.6889, 42.7017
YIQ	109.9350, 27.2700, 56.4700

Conversions

Conversions Part 2

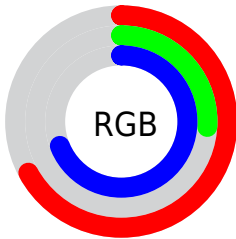
Format	Color
RYB	171, 66, 176
Decimal	11223728
CIELab	46.56, 57.30, -38.53
CIELCh	47, 69.045, 326.083
Yxy	15.6889, 0.3128, 0.1846
Android (android.graphics.Color)	4289413808 (0xFFAB42B0)
YUV	109.9350, 32.5700, 53.5540
Hunter-Lab	39.6093, 50.4638, -36.1924

Details

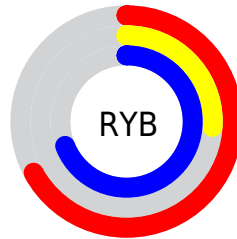
The Hex color **AB42B0** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **47B042**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **E579E8**, and **73007B** is the 20% darker color. If you saturate the color by 10%, you get **AA30B0**, and if you desaturate by 10%, it is **AC54B0**.

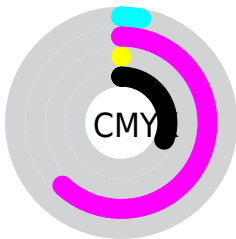
Distribution



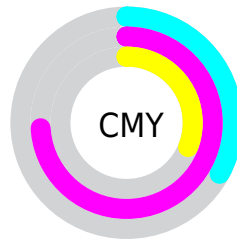
- Red (67%)
- Green (26%)
- Blue (69%)



- Red (67%)
- Yellow (26%)
- Blue (69%)



- Cyan (3%)
- Magenta (62%)
- Yellow (0%)
- Black (31%)



- Cyan (33%)
- Magenta (74%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color AB42B0 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 AB42B0 by changing the saturation by 10% instead.

 AB42B0

 AB42B0

FFFFFF

 8F2595

 E579E8

 73007B

 FF94FF

 580061

 FFB0FF

 3E0049

 FFCDFE

 260032

 FFEAFF

 00011C

 000000

 AB42B0

 AB42B0

 AA30B0

 AC54B0

 A91FB0

 AD65B0

 A90DB0

 AD77B0

 A800B0

 AE88B0

 AF9AB0

 B0ACB0

 B1BDB0

 B1CFB0

 B2E0B0

Harmonies

Analogous

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



5562D8



AB42B0



CE2379

Triad

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



AB42B0



8C6900



0087A0

Complementary

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



AB42B0



47B042

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.



008765



AB42B0



557A00

Square

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



AB42B0



B75000



008327



0083CF

Rectangle

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



AB42B0



D22552



008327



00878D

Sweetspot

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



AB42B0



E4BAE6



4247B0



725873



F2F2F2



737373

Same Dimension

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



AB42B0



DE39E6



B0427E



595059



920099



18001A

Inverse Universe

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



B04247



E63941



42B074



595051



990007



1A0001

Previews

White Background



This preview shows how the Hex color AB42B0 looks on a white background.

Color Contrast Check

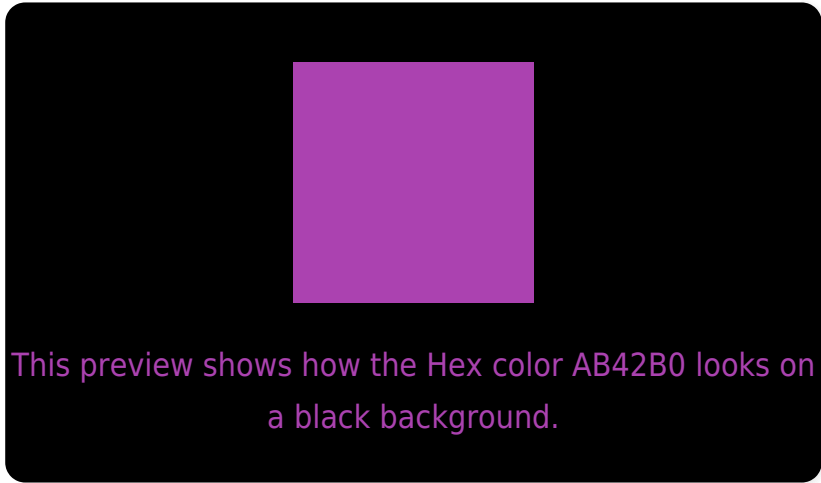
Large Text (above 18pt) WCAG AA ✓ Pass

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

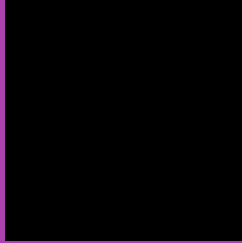
Any Text WCAG AA × Fail

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 AB42B0 Background



This preview shows how black text looks on a background with the Hex color AB42B0.

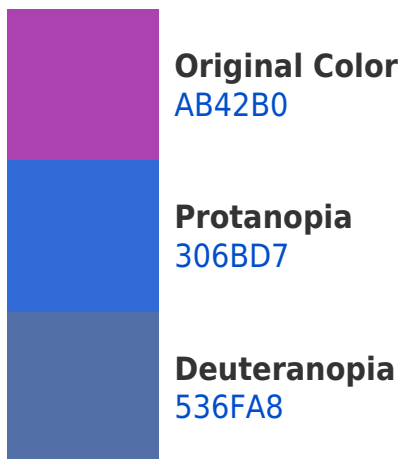


This preview shows how white text looks on a background with the Hex color AB42B0.

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



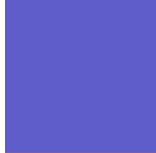


Tritanopia
A15960

Trichromacy



Original Color
AB42B0



Protanomaly
5D5CC9



Deuteranomaly
735FAB



Tritanomaly
A5517D

Monochromacy



Original Color
AB42B0



Achromatopsia
6E6E6E



Achromatomaly
845E86

CSS Examples

Text

The CSS property to change the color of the text to Hex AB42B0 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 #AB42B0 looks like.

```
.text, #text, p{  
    color:#AB42B0  
}
```

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 #AB42B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB42B0  
}
```

Border

The CSS property to change the border of an element to Hex AB42B0 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  
#AB42B0 }
```

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

```
.border{ border-color:#AB42B0 }
```

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

Here you see how a box with a 4 pixel #AB42B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB42B0; -webkit-box-shadow:4px 4px  
4px 4px #AB42B0; box-shadow:4px 4px 4px  
4px #AB42B0 }
```

Background

The CSS property to change the background color of an element to Hex AB42B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB42B0 }
```

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

```
.background{ background-color:#AB42B0 }
```

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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