

# Converting Colors

Hex(AB43AE)

Have a look what the booklet for  
Hex(AB43AE) contains.

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**Color**

**Hex(AB43AE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AB43AE
RGB	171, 67, 174
RGB Percent	67%, 26%, 68%
CMY	0.3294, 0.7373, 0.3176
CMYK	0.02, 0.61, 0.00, 0.32
HSL	298°, 44%, 47%
HSV	298°, 61%, 68%
XYZ	26.4417, 15.7282, 41.6866
YIQ	110.2940, 27.6370, 55.3250

# Conversions

## Conversions Part 2

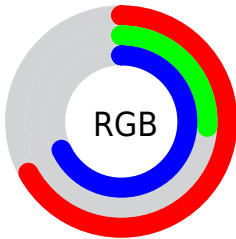
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 67, 174
Decimal	11223982
CIE <sub>Lab</sub>	46.62, 56.51, -37.27
CIE <sub>LCh</sub>	47, 67.689, 326.595
Yxy	15.7282, 0.3153, 0.1876
Android (android.graphics.Color)	4289414062 (0xFFAB43AE)
YUV	110.2940, 31.4071, 53.2392
Hunter-Lab	39.6588, 49.6083, -34.5604

# Details

The Hex color **AB43AE** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **46AE43**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **E57AE6**, and **740079** is the 20% darker color. If you saturate the color by 10%, you get **AB32AE**, and if you desaturate by 10%, it is **AB54AE**.

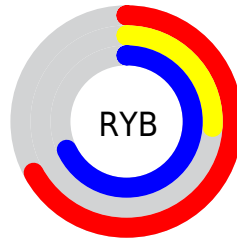
# Distribution



Red (67%)

Green (26%)

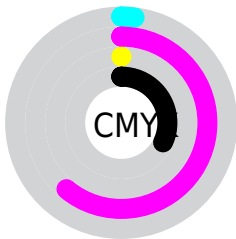
Blue (68%)



Red (67%)

Yellow (26%)

Blue (68%)

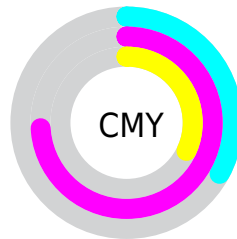


Cyan (2%)

Magenta (61%)

Yellow (0%)

Black (32%)



Cyan (33%)

Magenta (74%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AB43AE 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 AB43AE by changing the saturation by 10% instead.



 AB43AE

 AB43AE

FFFFFF

 8F2693

 E57AE6

 740079

 FF95FF

 590060

 FFB1FF

 3E0047

 FFCEFF

 260031

 FFE8FF

 00011A

 000000

 AB43AE

 AB43AE

 AB32AE

 AB54AE

■ AA20AE

■ AC66AE

■ AA0FAE

■ AC77AE

■ A900AE

■ AD89AE

■ AD9AAE

■ AEABAE

■ AEBDAE

■ AFCEAE

■ AFE0AE

# Harmonies

## Analogous

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



5962D5



AB43AE



CD2678

# Triad

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



AB43AE



8B6A00



0087A0

# Complementary

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



AB43AE



46AE43

# 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.



008766



AB43AE



557A00

# Square

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



AB43AE



B55100



00832A



0083CD

# Rectangle

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



AB43AE



D12952



00832A



00878D



# Sweetspot

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



AB43AE



E2BAE3



4347AE



725A73



F2F2F2



737373



# Same Dimension

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



AB43AE



DE3BE3



AE437C



564E57



920096



160017



# Inverse Universe

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



AE4346



E33B40



43AE75



574E4E



960004



170001



# Previews

## White Background



This preview shows how the Hex color AB43AE looks on a white background.

## Color Contrast Check

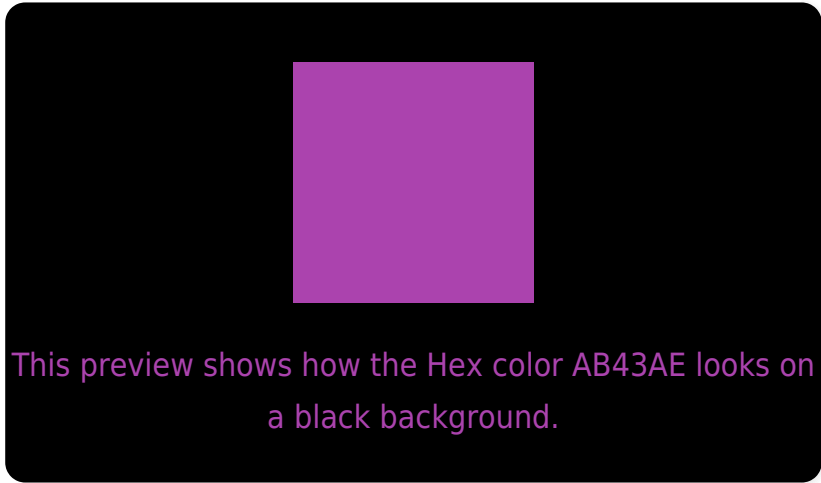
Large Text (above 18pt) WCAG AA ✓ Pass

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

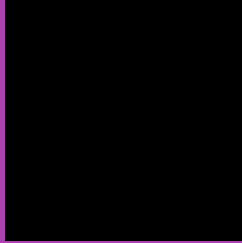
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AB43AE Background



This preview shows how black text looks on a background with the Hex color AB43AE.

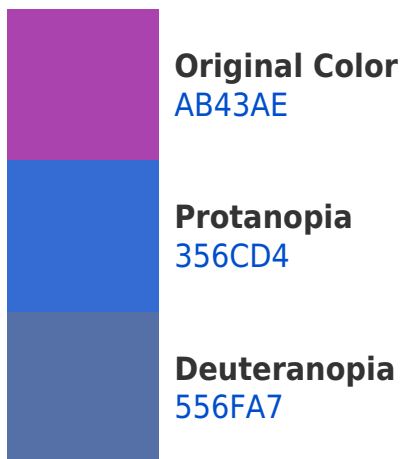



This preview shows how white text looks on a background with the Hex color AB43AE.

# 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](#).

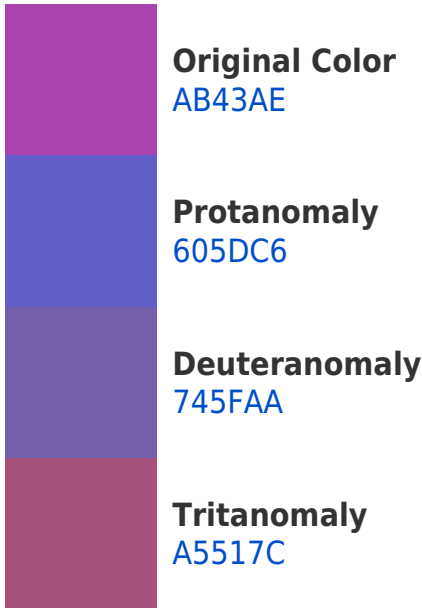
## Dichromacy



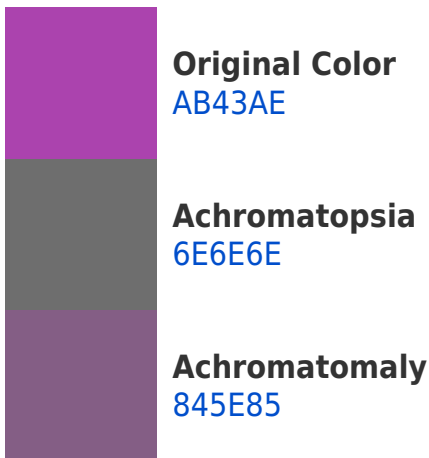


**Tritanopia**  
A25960

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AB43AE 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 #AB43AE looks like.

```
.text, #text, p{  
    color:#AB43AE  
}
```

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 #AB43AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AB43AE
}
```

## Border

The CSS property to change the border of an element to Hex AB43AE 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
#AB43AE }
```

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

```
.border{ border-color:#AB43AE }
```

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

Here you see how a box with a 4 pixel #AB43AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AB43AE; -webkit-box-shadow:4px 4px  
4px 4px #AB43AE; box-shadow:4px 4px 4px  
4px #AB43AE }
```

# Background

The CSS property to change the background color of an element to Hex AB43AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AB43AE }
```

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

```
.background{ background-color:#AB43AE }
```

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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